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OCTOBER 1978 SUMMARY



# FEDERAL MILK ORDER MARKET STATISTICS

## OCTOBER HIGHLIGHTS

MINIMUM CLASS I PRICE, \$11.80; BLEND, \$11.24

PRODUCER DELIVERIES UP 0.6 PERCENT

PRODUCER MILK USED IN CLASS I UP 0.2 PERCENT

57 PERCENT OF DELIVERIES USED IN CLASS I

IN-AREA FLUID MILK SALES (ADJUSTED) UP 0.6 PERCENT

\* \* \* \* \*  
\* SPECIAL THIS ISSUE - Page 36 \*  
\*  
\* FLUID MILK SALES BY SIZE AND \*  
\* TYPE OF CONTAINERS AND \*  
\* DISTRIBUTION METHOD, 1977 \*  
\*  
\* \* \* \* \*

U.S. DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
DAIRY DIVISION  
WASHINGTON, D.C.

ISSUED - December 1978

FMOS - 226

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# FEDERAL MILK ORDER MARKET STATISTICS

Summary of Producer deliveries, producer deliveries used in Class I, and prices

Year	Number of markets	Average number of producers	Change from prev. year 1/	Average daily deliveries per producer	Change from prev. year 1/	Deliveries used in Class I	Change from prev. year 1/	Class I utilization	Prices per 100 pounds (3.5 percent)
	No.	Number	Pct.	Pounds	Pct.	Bil. lb.	Pct.	Percent	Dollars
1973	61	131,565	-3.6	1,386	-1.0	40.5	61	8.03	7.31
1974	61	126,094	2.3	1,473	-3.0	39.3	58	9.35	8.36
1975	56	123,855	2.2	1,532	2.1	40.1	58	9.36	8.64
1976	50	122,675	7.4	1,661	41.0	41.0	55	10.70	9.75
1977	47	122,733	77.9	1,740	41.1	41.1	53	10.59	9.69

1/ Percentages computed from unrounded pounds. Data for 1976 adjusted to a 365-day basis before computing percentage changes.

Year and month	Number of producers	Change from prev. year 1/	Average daily deliveries per producer	Change from prev. year 1/	Deliveries used in Class I	Change from prev. year 1/	Class I utilization	Prices per 100 pounds (3.5 percent)
	No.	Number	Pct.	Mil. lb.	Pct.	Bil. lb.	Percent	Dollars
1978:								
Jan.	46	118,323	6.4	205.1	1.6	1,734	56	10.91
Feb.	46	117,336	5.8	208.9	1.2	1,780	55	10.99
Mar.	46	117,367	6.7	215.7	.4	1,838	53	11.03
Apr.	46	116,849	6.7	223.6	.1	1,914	49	11.12
May	46	116,013	7.0	226.0	-.8	1,948	49	11.21
June	46	115,590	6.7	222.4	.1	1,924	47	11.36
July	46	115,224	6.4	207.9	-.9	1,804	48	11.37
Aug.	46	115,936	6.3	203.2	-1.4	1,753	52	11.37
Sept.	46	115,633	6.0	200.1	-6	1,731	58	11.44
Oct.	46	115,251	6.1	198.0	.6	1,718	57	11.80
Nov.								
Dec.								
Year to date 3/	—	116,352	64.2	211.1	0	1,814	52	11.26
						33.5	52	10.54
								9.62

1/ Percentages computed from unrounded pounds.

2/ Based on markets where orders were effective entire period, 1977-78, and which have had no significant marketing area changes. Excludes Iowa.

3/ Average or total. May not add due to rounding.

Summary of packaged fluid milk and fluid cream product sales 1/

Year	Whole milk items 2/			Lowfat and skim milk items 3/			Milk and Cream mixtures			Cream items 4/			Total fluid milk and fluid cream items 5/		
	No. of mks.	Mil. lb.	Percent	Mil. lb.	Percent	Mil. lb.	Percent	Mil. lb.	Percent	Mil. lb.	Percent	Mil. lb.	Percent	Mil. lb.	Percent
			Change over prev. year 6/		Change over prev. year 6/		Change over prev. year 6/		Change over prev. year 6/		Change over prev. year 6/		Change over prev. year 6/		Change over prev. year 6/
1974	61	28,067	- 5.6	3.41	10,910	6.4	1.46	386	- 4.5	10.9	328	7/ 7.6	22.1	39,881	- 2.5
1975	56	27,939	- .5	3.37	11,989	9.9	1.47	378	- 2.0	11.0	363	7/10.9	21.8	40,890	2.5
1976	50	27,726	- 1.0	3.35	13,127	9.2	1.48	399	5.2	11.0	383	5.3	22.1	41,882	2.2
1977 8/	46	23,094	- 2.3	3.33	13,313	7.3	1.49	343	- .7	11.1	350	-2.3	21.1	37,398	1.1
1978 8/	46	2,005	- 1.1	3.34	1,191	5.8	1.51	26	- 2.6	11.2	23	- 3.9	20.3	3,261	1.3
Jan.	46	1,807	- 1.1	3.33	1,099	6.0	1.50	25	- 5.5	10.9	24	2.3	20.7	2,970	1.4
Feb.	46	1,985	- 2.5	3.32	1,220	4.6	1.49	28	- 2.1	10.8	30	8.0	21.1	3,284	.1
Mar.	46	1,836	- 4.9	3.32	1,146	3.2	1.48	26	- 7.5	10.9	25	-12.9	21.1	3,051	-2.2
Apr.	46	1,887	- .3	3.32	1,178	8.7	1.49	28	- .5	10.8	29	4.1	21.3	3,141	2.9
May	46	1,737	- 2.3	3.31	1,058	3.9	1.49	27	- 3.0	10.8	28	- 2.2	21.1	2,869	- .3
June	46	1,728	- 3.2	3.31	1,027	2.0	1.50	27	- 3.5	10.9	27	- 2.2	21.1	2,826	-1.5
July	46	1,836	- 3.6	3.31	1,105	2.7	1.50	28	- 5.1	10.8	28	- 4.4	20.7	3,015	-1.5
Aug.	46	1,920	- 3.6	3.32	1,210	3.1	1.51	27	- 5.3	10.9	25	- 5.0	20.7	3,198	-1.3
Sept.															2.82
Oct.															
Nov.															
Dec.															
Year to date	---	16,742	- 2.5	3.32	10,234	4.5	1.50	242	- 3.9	10.9	239	- 1.8	20.9	27,614	- .1
															2.85

1/ Total packaged disposition, in and out of the marketing area, by regulated handlers. Besides receipts from producers, these dispositions also may include receipts from other Federal order plants and/or receipts from other sources.

2/ Plain and flavored whole milk.

3/ Plain, fortified and flavored skim and lowfat milk, and buttermilk.

4/ Light, heavy, and sour cream, and cream dips.

5/ Includes eggnog and yogurt.

6/ Data for 1976 adjusted to a 365-day basis before computing percentage changes.

7/ During January 1974, there was a change in the reporting of the sales of cream items. As a result, the percent change over the previous year is somewhat overstated.

8/ Represents the data for all Federal milk order markets, except New York-New Jersey.



Summary of milk, skim milk, and cream utilized in manufactured products and uses 1/

Year	No. of mks:	BUTTER			CHEESE			FROZEN DESSERTS			COTTAGE CHEESE			SKIM MILK POWDER			TOTAL 2/		
		Mil. lb.	Percent	Change:	Mil. lb.	Percent	Change:	Mil. lb.	Percent	Change:	Mil. lb.	Percent	Change:	Mil. lb.	Percent	Change:	Mil. lb.	Percent	Change:
				over			over			over			over			over			over
				prev.			prev.			prev.			prev.			prev.			prev.
				year3/			year3/			year3/			year3/			year3/			year3/
1974	61	1,026	2.4	37.2	10,878	41.3	3.78	2,534	3.8	11.3	4,046	-7.8	1.15	5,932	15.3	.07	30,844	10.6	4.28
1975	56	984	-1.4	38.2	11,621	7.4	3.80	2,868	16.5	11.7	4,126	-1.5	1.11	5,926	-	.1	31,397	4.2	4.38
1976	4/ 50	1,043	11.4	40.2	14,961	26.8	3.75	2,874	2.7	12.0	4,187	5.9	1.16	6,480	9.4	.08	35,684	13.1	4.36
1977	5/ 46	1,148	14.1	39.9	14,900	12.6	3.77	2,703	1.7	11.9	3,277	-2.4	1.07	6,803	12.7	.08	34,016	9.0	4.45
1978	5/ 46	115	0.8	40.3	1,221	3.4	3.88	151	-4.3	14.0	246	-6.6	1.02	468	-2.7	.09	2,597	1.0	5.00
Jan.	46	102	.3	40.7	1,188	5.8	3.85	167	-1.4	13.5	249	-12.8	.96	426	-8.0	.10	2,496	.8	4.89
Feb.	46	109	5.0	40.5	1,404	7.7	3.83	218	-8.1	12.3	294	-12.1	.99	546	-4.7	.09	3,011	2.6	4.66
Mar.	46	104	-5	39.7	1,475	1.7	3.73	229	1.3	12.1	275	-15.5	.94	605	-10.1	.09	3,129	-7	4.37
Apr.	46	103	.3	41.0	1,601	3.5	3.68	265	1.0	11.3	290	-15.9	.96	673	-12.6	.09	3,424	.4	4.24
May	46	88	-5.5	40.0	1,570	9.0	3.62	289	3.3	11.2	295	-7.7	1.00	715	-5.6	.08	3,450	2.3	4.03
June	46	75	-10.1	38.1	1,439	5.9	3.57	270	-6	11.3	282	-13.1	.95	587	-16.8	.08	3,134	-4	3.99
July	46	69	-16.5	37.6	1,310	8.3	3.59	288	-1.2	11.5	294	-12.4	.92	494	-21.5	.09	2,910	-1.7	4.13
Aug.	46	69	-17.4	38.4	1,141	9.6	3.71	222	1.6	12.4	266	-4.1	1.00	364	-17.8	.08	2,461	-1.6	4.43
Sept.	46																		
Oct.																			
Nov.																			
Dec.																			
Year to date	--	834	-3.9	39.8	12,350	5.9	3.71	2,099	-8	12.0	2,492	-11.3	.97	4,878	-11.2	.09	26,613	.3	4.39

1/ Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some data are partially estimated.

2/ Includes, in addition to listed manufactured products, milk, skim milk, and cream used in other manufactured products, i.e. evaporated milk, condensed milk, whole milk powder, aerated, and frozen and plastic cream; milk, skim milk, and cream used in food products as well as used in animal feed, dumped or spilled, plant loss and unidentified.

3/ Percentage changes over previous year are based on pounds of butterfat, except for skim milk powder which are based on pounds of product.

4/ Data for 1976 adjusted to a 365-day basis before computing percentage changes.

5/ Excludes New York-New Jersey.

Summary of packaged sales of fluid milk products in marketing areas defined by Federal milk orders 1/

Year	No. of comp. mks.	Whole milk items 2/				Lowfat and skim milk items 3/				Total fluid milk items			
		Mil. lb.	Change over previous year 4/	Percent	Bf. test	Mil. lb.	Change over previous year 4/	Percent	Bf. test	Mil. lb.	Change over previous year 4/	Percent	Bf. test
			Unadj.	Adj. 5/			Unadj.	Adj. 5/			Unadj.	Adj. 5/	
1974 6/	57	22,243	- 6.2	- 6.2	3.41	9,724	6.5	6.6	1.49	31,967	31,957	- 2.7	- 2.7
1975 7/	55	22,180	- .9	- .9	3.36	10,757	9.8	9.9	1.49	32,937	32,937	2.3	2.4
1976 8/	48	21,685	- 3.0	- 3.1	3.34	11,640	7.2	7.0	1.50	33,324	33,195	.3	.2
1977 7/	46	22,058	- 3.3	- 3.2	3.34	12,772	6.5	6.6	1.49	34,829	34,805	.1	.2
1978 7/	46	1,923	- 1.0	- .4	3.34	1,149	6.0	6.7	1.51	3,073	2,970	1.5	2.1
January	46	1,730	- 1.2	- 1.2	3.34	1,059	6.1	6.1	1.50	2,789	2,920	1.5	1.5
February	46	1,900	- 2.6	- 3.3	3.33	1,176	4.6	3.5	1.49	3,076	2,890	0	.8
March	46	1,758	- 5.1	- 1.6	3.32	1,104	3.1	8.8	1.49	2,862	2,933	- 2.1	2.0
April	46	1,825	.5	- 2.5	3.32	1,141	9.2	6.0	1.49	2,967	2,925	3.7	.6
May	46	1,679	- 1.6	- 2.1	3.32	1,024	4.1	1.9	1.49	2,703	2,920	.5	.5
June	46	1,667	- 2.3	- 2.4	3.32	993	2.5	3.0	1.50	2,660	2,897	- .6	- .5
July	46	1,770	- 2.9	- 2.9	3.31	1,065	2.8	3.4	1.51	2,835	2,939	- .8	- .7
August	46	1,839	- 3.3	- 3.3	3.32	1,166	3.4	3.1	1.51	3,004	2,917	- .8	- .9
September	46	1,847	- 2.4	- 1.8	3.33	1,181	4.3	4.7	1.51	3,028	2,900	.1	.6
October 9/	46												
November													
December													
Year to date	---	17,940	- 2.2	- 2.1	3.32	11,058	4.6	4.7	1.50	28,998	29,211	.3	.4

1/ In area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handler in-area sales are partially estimated.

2/ Plain and flavored whole milk.

3/ Plain, fortified, and flavored skim and lowfat milk, and buttermilk.

4/ Percentages based on the same number of comparable markets in both years. Data for 1976 adjusted to a 365-day basis before computing percentage changes.

5/ Adjusted to eliminate variations in data due to calendar composition and seasonality. See special article in FMOS - 221, July 1978.

6/ Excludes the New York-New Jersey, Fort Smith, Lake Mead, Western Colorado, and Mississippi markets.

7/ Excludes the New York-New Jersey market.

8/ Excludes the New York-New Jersey and New Orleans-Mississippi markets.

9/ Estimated.



Table 1.—Federal order fluid differentials, November and December 1978; minimum Class I prices for milk of 3.5 percent butterfat content f.o.b. market or other indicated point\* and butterfat differentials, November 1977 and 1978; and Class I price December 1977 and 1978

Marketing area	Fluid diff. per 100 lb. 1/	Class I price per 100 lb.	Fat diff. 0.1%	Class I price per 100 lb.	Fat diff. 0.1%	Class I price per 100 lb.	Marketing area	November				December			
								1977		1978		1977		1978	
								Dollars	Cents	Dollars	Cents	Dollars	Cents	Dollars	Cents
NEW ENGLAND New England **	2.98	12.88	11.72	13.9	11.6	13.10	WEST NORTH CENTRAL -Con. Southern Group St. Louis-Ozarks Greater Kansas City Neosho Valley Wichita	11.72		11.72		11.72		11.72	
								11.72		11.72		11.72		11.72	
								11.35		11.35		11.35		11.35	
								11.52		11.52		11.52		11.52	
MIDDLE ATLANTIC New York-New Jersey Middle Atlantic	2.61	12.51	11.35	13.9	11.6	12.79	EAST SOUTH CENTRAL Paducah Nashville Memphis Tennessee Valley	11.35		11.35		11.35		11.35	
								11.35		11.35		11.35		11.35	
								11.52		11.52		11.52		11.52	
								11.52		11.52		11.52		11.52	
SOUTH ATLANTIC Tampa Bay Southeastern Florida Upper Florida Georgia	2.95	12.85	11.69	13.3	11.6	13.13	WEST SOUTH CENTRAL Northern Group Central Arkansas Fort Smith Oklahoma Metropolitan Red River Valley Texas Panhandle Lubbock-Plainview	11.69		11.69		11.69		11.69	
								11.69		11.69		11.69		11.69	
								11.59		11.59		11.59		11.59	
								11.04		11.04		11.04		11.04	
EAST NORTH CENTRAL Eastern Group Southern Michigan Eastern Ohio-W. Pa. Ohio Valley	1.60	11.50	10.34	13.7	11.4	11.78	Southern Group Greater Louisiana New Orleans-Mississippi Texas	10.34		10.34		10.34		10.34	
								10.34		10.34		10.34		10.34	
								10.59		10.59		10.59		10.59	
								10.44		10.44		10.44		10.44	
Western Group Mich. Upper Penin. Chicago Regional Louis.-Lex.-Evans. Indiana Southern Illinois Central Illinois	1.35	11.25	10.09	14.5	12.6	11.53	MOUNTAIN Eastern Colorado Great Basin Western Colorado Central Arizona Rio Grande Valley Lake Mead	10.09		10.09		10.09		10.09	
								10.09		10.09		10.09		10.09	
								10.00		10.00		10.00		10.00	
								10.44		10.44		10.44		10.44	
WEST NORTH CENTRAL Northern Group Upper Midwest Eastern South Dakota Black Hills Iowa Nebraska-Western Iowa	1.12	11.02	9.86	13.9	11.6	11.30	PACIFIC Puget Sound Inland Empire Oregon-Washington	9.86		9.86		9.86		9.86	
								9.86		9.86		9.86		9.86	
								10.14		10.14		10.14		10.14	
								10.69		10.69		10.69		10.69	
	1.40	11.30	10.14	13.9	11.6	11.58		10.14		10.14		10.14		10.14	
								10.14		10.14		10.14		10.14	
								10.27		10.27		10.27		10.27	
								10.13		10.13		10.13		10.13	
	1.39	11.29	10.13	13.9	11.6	11.57		10.13		10.13		10.13		10.13	
								10.13		10.13		10.13		10.13	
								10.00		10.00		10.00		10.00	
								10.44		10.44		10.44		10.44	
	1.47	11.37	10.21	13.9	11.6	11.65		10.21		10.21		10.21		10.21	
								10.21		10.21		10.21		10.21	
								10.27		10.27		10.27		10.27	
								10.13		10.13		10.13		10.13	
	2/1.53	11.43	10.27	13.9	11.6	11.71		10.27		10.27		10.27		10.27	
								10.27		10.27		10.27		10.27	
								10.13		10.13		10.13		10.13	
								10.09		10.09		10.09		10.09	
	1.26	11.16	10.00	13.9	11.6	11.44		10.00		10.00		10.00		10.00	
								10.00		10.00		10.00		10.00	
								10.44		10.44		10.44		10.44	
								10.09		10.09		10.09		10.09	
	1.70	11.60	10.44	13.9	11.6	11.88		10.44		10.44		10.44		10.44	
								10.44		10.44		10.44		10.44	
								10.21		10.21		10.21		10.21	
								10.13		10.13		10.13		10.13	
	2/1.53	11.43	10.27	13.9	11.6	11.71		10.27		10.27		10.27		10.27	
								10.27		10.27		10.27		10.27	
								10.13		10.13		10.13		10.13	
								10.09		10.09		10.09		10.09	
	1.39	11.29	10.13	13.9	11.6	11.57		10.13		10.13		10.13		10.13	
								10.13		10.13		10.13		10.13	
								10.00		10.00		10.00		10.00	
								10.44		10.44		10.44		10.44	
	1.47	11.37	10.21	13.9	11.6	11.65		10.21		10.21		10.21		10.21	
								10.21		10.21		10.21		10.21	
								10.27		10.27		10.27		10.27	
								10.13		10.13		10.13		10.13	
	2/1.53	11.43	10.27	13.9	11.6	11.71		10.27		10.27		10.27		10.27	
								10.27		10.27		10.27		10.27	
								10.13		10.13		10.13		10.13	
								10.09		10.09		10.09		10.09	
	1.26	11.16	10.00	13.9	11.6	11.44		10.00		10.00		10.00		10.00	
								10.00		10.00		10.00		10.00	
								10.44		10.44		10.44		10.44	
								10.09		10.09		10.09		10.09	
	1.70	11.60	10.44	13.9	11.6	11.88		10.44		10.44		10.44		10.44	
								10.44		10.44		10.44		10.44	
								10.21		10.21		10.21		10.21	
								10.13		10.13		10.13		10.13	
	2/1.53	11.43	10.27	13.9	11.6	11.71		10.27		10.27		10.27		10.27	
								10.27		10.27		10.27		10.27	
								10.13		10.13		10.13		10.13	
								10.09		10.09		10.09		10.09	
	1.39	11.29	10.13	13.9	11.6	11.57		10.13		10.13		10.13		10.13	
								10.13		10.13		10.13		10.13	
								10.00		10.00		10.00		10.00	
								10.44		10.44		10.44		10.44	
	1.47	11.37	10.21	13.9	11.6	11.65		10.21		10.21		10.21		10.21	
								10.21		10.21		10.21		10.21	
								10.27		10.27		10.27		10.27	
								10.13		10.13		10.13		10.13	
	2/1.53	11.43	10.27	13.9	11.6	11.71		10.27		10.27		10.27		10.27	
								10.27		10.27		10.27		10.27	
								10.13		10.13		10.13		10.13	
								10.09		10.09		10.09		10.09	
	1.26	11.16	10.00	13.9	11.6	11.44		10.00		10.00		10.00		10.00	
								10.00		10.00		10.00		10.00	
								10.44		10.44		10.44		10.44	
								10.09		10.09		10.09		10.09	
	1.70	11.60	10.44	13.9	11.6	11.88		10.44		10.44		10.44		10.44	
								10.44		10.44		10.44		10.44	
								10.21		10.21		10.21		10.21	
								10.13		10.13		10.13		10.13	
	2/1.53	11.43	10.27	13.9	11.6	11.71		10.27		10.27		10.27		10.27	
								10.27		10.27		10.27		10.27	
								10.13		10.13		10.13		10.13	
								10.09		10.09		10.09		10.09	
	1.39	11.29	10.13	13.9	11.6	11.57		10.13		10.13		10.13		10.13	
								10.13		10.13		10.13		10.13	
								10.00		10.00		10.00		10.00	
								10.44		10.44		10.44		10.44	
	1.47	11.37	10.21	13.9	11.6	11.65		10.21		10.21		10.21		10.21	
								10.21		10.21		10.21		10.21	
								10.27		10.27		10.27		10.27	
								10.13		10.13		10.13		10.13	
	2/1.53	11.43	10.27	13.9	11.6	11.71		10.27		10.27		10.27		10.27	
								10.27		10.27		10.27		10.27	
								10.13		10.13		10.13		10.13	
								10.09		10.09		10.09		10.09	
	1.26	11.16	10.00	13.9	11.6	11.44		10.00		10.00		10.00		10.00	
								10.00		10.00		10.00		10.00	
								10.44		10.44		10.44		10.44	
								10.09		10.09		10.09		10.09	
	1.70	11.60	10.44	13.9	11.6	11.88		10.44		10.44		10.44		10.44	
								10.44		10.44		10.44		10.44	
								10.21		10.21		10.21		10.21	
								10.13		10.13		10.13		10.13	
	2/1.53	11.43	10.27	13.9	11.6	11.71		10.27		10.27		10.27		10.27	
								10.27		10.27		10.27		10.27	
								10.13		10.13		10.13		10.13	
								10.09		10.09		10.09		10.09	
	1.39	11.29	10.13	13.9	11.6	11.57		10.13		10.13		10.13		10.13	
								10.13		10.13		10.13		10.13	
								10.00		10.00		10.00		10.00	
								10.44		10.44		10.44		10.44	
	1.47	11.37	10.21	13.9	11.6	11.65		10.21		10.21		10.21		10.21	
								10.21		10.21		10.21		10.21	
								10.27		10.27		10.27		10.27	
								10.13		10.13		10.13		10.13	
	2/1.53	11.43	10.27	13.9	11.6	11.71		10.27		10.27		10.27		10.27	
								10.27		10.27		10.27		10.27	
								10.13		10.13		10.13		10.13	
								10.09		10.09		10.09		10.09	
	1.26	11.16	10.00	13.9	11.6	11.44		10.00		10.00		10.00		10.00	
								10.00		10.00		10.00		10.00	
								10.44		10.44		10.44		10.44	
								10.09		10.09		10.09		10.09	
	1.70	11.60	10.44	13.9	11.6	11.88		10.44		10.44		10.44		10.44	
								10.44		10.44		10.44		10.44	
								10.21		10.21		10.21		10.21	
								10.13		10.13		10.13		10.13	
	2/1.53	11.43	10.27	13.9	11.6	11.71		10.27		10.27		10.27		10.27	
								10.27		10.27		10.27		10.27	
								10.13		10.13		10.13		10.13	
								10.09		10.09		10.09		10.09	
	1.39	11.29	10.13	13.9	11.6	11.57		10.13		10.13		10.13		10.13	
								10.13		10.13		10.13		10.13	
								10.0							

TABLE 2.—FEDERAL ORDER MINIMUM CLASS AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B. MARKET OR OTHER INDICATED POINT, AND BUTTERFAT DIFFERENTIALS, OCTOBER\*\*

MARKETING AREA	PRICES PER 100 POUNDS						FAT DIFFERENTIAL 0.1%			
	CLASS I		BLEND		CLASS II	CLASS III	CLASS I	CLASS II	CLASS III	BLEND
	OCT 1978	OCT 1977	OCT 1978	OCT 1977	OCTOBER 1978		OCTOBER 1978			
	DOLLARS						CENTS			
NEW ENGLAND										
NEW ENGLAND 1/	12.66	11.62	12.32	11.10	10.24	---	13.3	13.3	13.3	13.3
AVERAGE 2/	12.66	11.62	12.32	11.10	---	---	13.3	---	---	13.3
MIDDLE ATLANTIC										
NEW YORK-NEW JERSEY 3/	12.29	11.28	11.81	10.59	10.32	---	13.3	13.3	---	13.3
MIDDLE ATLANTIC 4/	12.46	11.42	11.45	10.32	10.26	---	13.3	13.3	---	13.3
AVERAGE 2/	12.35	11.34	11.68	10.49	---	---	13.3	---	---	13.3
SOUTH ATLANTIC										
TAMPA BAY	12.63	11.59	12.47	11.48	10.33	---	13.3	13.3	---	13.3
SOUTHEASTERN FLORIDA 6/	12.83	11.79	12.73	11.68	10.33	7/ 5.20	13.3	13.3	13.3	13.3
UPPER FLORIDA 8/	12.53	11.49	12.47	11.49	10.33	---	13.3	13.3	---	13.3
GEORGIA 9/	11.98	10.94	11.67	10.56	10.28	10.18	13.3	13.3	13.3	13.3
AVERAGE 2/	12.38	11.35	12.16	11.23	---	---	13.3	---	---	13.3
EAST NORTH CENTRAL										
EASTERN GROUP										
SOUTHERN MICHIGAN 10/	11.28	10.24	10.84	9.61	10.33	10.18	13.1	13.1	13.1	13.1
EASTERN OHIO-WESTERN PA. 11/	11.53	10.49	10.32	10.13	10.28	10.18	13.3	13.3	13.3	13.3
OHIO VALLEY 13/	11.38	10.34	11.27	10.05	10.28	10.18	13.3	13.3	13.3	13.3
AVERAGE 2/	11.39	10.35	10.80	9.50	---	---	13.2	---	---	13.2
WESTERN GROUP										
MICHIGAN UPPER PENINSULA 14/ 15/	11.03	9.99	10.65	9.53	10.18	---	14.5	13.3	---	13.9
CHICAGO REGIONAL 16/	10.94	9.90	10.60	9.31	10.28	10.18	13.3	13.3	13.3	13.3
LSVILLE-LXGTEN-EVNSVILLE	11.38	10.34	11.44	10.30	10.28	10.18	13.3	13.3	13.3	13.3
INDIANA 17/	11.15	10.11	10.89	10.01	10.28	10.18	13.3	13.3	13.3	13.3
SOUTHERN ILLINOIS 18/	11.21	10.17	11.33	10.09	10.28	10.18	13.3	13.3	13.3	13.3
CENTRAL ILLINOIS 19/	11.07	10.03	11.12	10.02	10.28	10.18	13.3	13.3	13.3	13.3
AVERAGE 2/	11.07	10.03	10.77	9.55	---	---	13.3	---	---	13.3
WEST NORTH CENTRAL										
NORTHERN GROUP										
UPPER MIDWEST 20/	10.80	9.76	10.39	9.06	10.28	10.18	13.3	13.3	13.3	13.3
EASTERN SOUTH DAKOTA 21/	11.08	10.04	10.75	9.55	10.28	10.18	13.3	13.3	13.3	13.3
BLACK HILLS 22/	11.63	10.59	11.14	10.09	10.18	---	13.6	12.7	---	13.3
ICWA 23/	11.08	10.04	10.72	9.49	10.28	10.18	13.3	13.3	13.3	13.3
NEBRASKA - WESTERN ILLWA 24/	11.28	10.24	10.77	9.56	10.28	10.18	13.3	13.3	13.3	13.3
AVERAGE 2/	10.94	9.91	10.46	9.15	---	---	13.3	---	---	13.3

\* Major city in the marketing area. \*\* All averages are weighted. 1/ Nearby plant zone prices; Boston and Hartford are in this zone. Price at 201-210 mile zone: Class I and blend, 40 cents less. 2/ Based on markets where orders were effective entire period, 1977-78, and which have had no significant marketing area changes. Excludes Iowa. 3/ New York City metropolitan area. Price excludes a 15-cent direct delivery differential in 1978, 5 cents in 1977. Prices at 201-210 mile zone: Class I and blend, 36 cents less in 1978, 24 cents less in 1977; Class II eight cents less. 4/ Philadelphia, Baltimore, and Washington, D.C. Price excludes a 6-cent delivery differential applicable to milk delivered to Philadelphia. 5/ Seven cents for advertising and promotion has been deducted from the blend price. 6/ Miami. 7/ Applies to the skim milk portion of all milk which is either disposed of for fertilizer or livestock feed or dumped. 8/ Jacksonville and Tallahassee. 9/ Atlanta. 10/ Price excludes direct delivery differentials applicable to milk delivered to Detroit of 8 cents in 1977 and 10 cents in 1978. 11/ Zone I (Erie, Pennsylvania). Class I and blend price for zone 3 (Cleveland) plus 8 cents, for zone 4 (Pittsburgh) plus ten cents. 12/ Five cents for advertising and promotion has been deducted from the blend price. 13/ Central zone (Cincinnati and Columbus). Class I and blend price at Toledo (Northwestern zone) five cents less and at Charleston, West Virginia (Southeastern zone) 5 cents more. 14/ Zone 2 (Marquette). 15/ Individual handler pool. Blend prices are weighted averages of all handlers, 1977-78. 16/ Zone I (Chicago). Class I and blend price at Milwaukee (Zone 4) 9 cents less. 17/ Indianapolis. 18/ Base zone (Alton). Class I and blend price at Carbondale (Southeastern zone) seven cents more. 19/ Peoria. 20/ Zone I (Minneapolis). 21/ Sioux Falls. 22/ Rapid City, South Dakota. 23/ Zone I (Des Moines). Class I prices at other points in the marketing area: Rock Island, IL., minus seven cents; Waterloo, minus sixteen cents. 24/ Zone I (Omaha).

TABLE 2.-FEDERAL ORDER MINIMUM CLASS AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B. MARKET OR OTHER INDICATED POINT\*, AND BUTTERFAT DIFFERENTIALS; OCTOBER\*\* -CON.

MARKETING AREA	PRICES PER 100 POUNDS								FAT DIFFERENTIAL 0.1%					
	CLASS I		BLEND		CLASS II	CLASS III	CLASS I	CLASS II	CLASS III	BLEND				
	OCT 1978	OCT 1977	OCT 1978	OCT 1977	OCTOBER 1978	1978	OCTOBER 1978							
	DOLLARS				CENTS									
WEST NORTH CENTRAL -CON.														
SOUTHERN GROUP														
ST LOUIS - OZARKS <u>25/</u>	11.28	10.24 <u>12/</u>	11.20 <u>12/</u>	10.01	10.28	10.18	13.3	13.3	13.2	13.3				
GREATER KANSAS CITY <u>26/</u>	11.42	10.38 <u>12/</u>	10.94 <u>12/</u>	9.80	10.28	10.18	13.3	13.3	13.3	13.3				
NECSHO VALLEY <u>27/</u>	11.33	10.29	11.04 <u>12/</u>	10.20	10.28	10.18	13.3	13.3	13.2	13.3				
WICHITA <u>28/</u>	11.48	10.44 <u>12/</u>	11.18 <u>12/</u>	10.05	10.28	10.18	13.3	13.3	13.2	13.3				
AVERAGE <u>2/</u>	11.33	10.30	11.13	9.95	---	---	13.3	---	---	13.3				
EAST SOUTH CENTRAL														
PACUACH	11.38	10.34	11.70	10.48	10.28	10.18	13.3	13.3	13.2	13.3				
NASHVILLE	11.53	10.49	11.15	9.92	10.28	10.18	13.3	13.3	13.2	13.3				
MEMPHIS <u>29/</u>	11.62	10.58 <u>12/</u>	11.39 <u>12/</u>	10.26	10.28	10.18	13.3	13.3	13.2	13.3				
TENNESSEE VALLEY <u>30/</u>	11.78	10.74	11.53	10.35	10.28	10.18	13.3	13.3	13.2	13.3				
AVERAGE <u>2/</u>	11.68	10.64	11.43	10.24	---	---	13.3	---	---	13.3				
WEST SOUTH CENTRAL														
NORTHERN GROUP <u>31/</u>														
CENTRAL ARKANSAS <u>32/</u>	11.62	10.58 <u>12/</u>	11.44 <u>12/</u>	10.40	10.28	10.18	13.3	13.3	13.2	13.3				
OKLAHOMA METROPOLITAN <u>33/</u>	11.66	10.62 <u>12/</u>	11.26 <u>12/</u>	10.33	10.28	10.18	13.3	13.3	13.2	13.3				
RED RIVER VALLEY <u>34/</u>	11.88	10.84 <u>12/</u>	11.43 <u>12/</u>	10.40	10.28	10.18	13.3	13.3	13.2	13.3				
TEXAS PANHANDLE <u>35/</u>	11.93	10.89 <u>12/</u>	11.65 <u>12/</u>	10.62	10.28	10.18	13.3	13.3	13.2	13.3				
LLEBOCK - PLAINVIEW	12.10	11.26 <u>12/</u>	11.92 <u>12/</u>	10.65	10.28	10.18	13.3	13.3	13.2	13.3				
AVERAGE <u>2/</u>	11.71	10.67	11.38	10.40	---	---	13.3	---	---	13.3				
SOUTHERN GROUP														
GREATER LOUISIANA <u>36/</u>	12.15	11.11	11.94	10.82	10.28	10.18	13.3	13.3	13.2	13.3				
NEW ORLEANS-MISSISSIPPI <u>37/</u>	12.53	11.49	12.14	10.98	10.28	10.18	13.3	13.3	13.2	13.3				
TEXAS <u>38/</u>	12.00	10.96 <u>12/</u>	11.53 <u>12/</u>	10.50	10.28	10.18	13.3	13.3	13.2	13.3				
AVERAGE <u>2/</u>	12.13	11.08	11.73	10.63	---	---	13.3	---	---	13.3				
MOUNTAIN														
EASTERN COLORADO <u>39/</u>														
GREAT BASIN <u>40/</u>	11.98	10.94	11.49	10.32	10.33	10.18	15.1	13.9	13.6	14.6				
WESTERN COLORADO <u>41/</u>	11.58	10.54	11.14	9.87	10.33	10.18	13.9	13.3	13.2	13.6				
CENTRAL ARIZONA <u>42/</u>	11.68	10.64	11.56	10.48	10.23	10.18	13.9	13.9	13.6	13.9				
RIC GRANDE VALLEY <u>43/</u>	12.20	11.16	11.59	10.40	10.28	10.18	13.3	13.3	13.2	13.3				
LAKE MEAD <u>44/</u>	12.33	10.99 <u>12/</u>	11.48 <u>12/</u>	10.53	10.28	10.18	13.3	13.3	13.2	13.3				
AVERAGE <u>2/</u>	11.28	10.24	11.17	9.85	10.33	10.18	13.9	13.3	13.2	13.7				
	11.92	10.88	11.42	10.24	---	---	14.0	---	---	13.8				
PACIFIC														
PLCET SOUND <u>45/</u>	11.53	10.49	10.83	9.54	10.43	10.18	13.3	13.3	13.2	13.3				
INLAND EMPIRE <u>46/</u>	11.63	10.59	11.00	9.70	10.43	10.18	14.2	13.3	13.2	13.7				
OREGON - WASHINGTON <u>47/</u>	11.63	10.59	11.07	9.67	10.43	10.18	13.9	13.3	13.2	13.5				
AVERAGE <u>2/</u>	11.59	10.55	10.94	9.69	---	---	13.7	---	---	13.4				
45-MARKET AVERAGE <u>2/ 21/</u>	11.80	10.76	11.24	10.10	<u>48/</u> 10.27	---	13.3	---	---	13.3				
ALL-MARKET AVERAGE	11.78	10.75	11.23	10.08	<u>48/</u> 10.27	---	13.3	---	---	13.3				

25/ Zone I (St. Louis and Springfield). 26/ Kansas City and Topeka. 27/ Pittsburg, Kansas. 28/ Zone I (Wichita). 29/ Individual handler pool. Blend prices are weighted averages of all handlers, 1977-78. 30/ Bristol, Chattanooga, and Knoxville. 31/ Excludes Fort Smith. Fewer than three handlers. Fort Smith prices: Class I 1978, \$11.63 and 1977, \$10.59; Blend 12/ 1978, \$11.38 and 1977, \$10.33; Class II 1978, \$10.28 and 1977, \$8.84; Class III 1978, \$10.18 and 1977, \$8.74. Fat differentials: Class I 1978, 13.3¢ and 1977, 11.6¢; Class II 1978, 13.3¢ and 1977, 11.6¢; Class III 1978, 13.3¢ and 1977, 11.6¢; Blend 1978, 13.3¢ and 1977, 11.6¢. 32/ Little Rock. 33/ Oklahoma City. 34/ Wichita Falls, Texas. 35/ Amarillo. 36/ Monroe and Shreveport. 37/ Zone I (New Orleans). 38/ Zone I (Dallas). Class I price at Houston, plus 36 cents. 39/ Denver. 40/ Salt Lake City, Utah. 41/ Grand Junction. 42/ Phoenix. 43/ Albuquerque, Santa Fe, and El Paso. 44/ Las Vegas, Nevada. 45/ District I (Seattle). 46/ Spokane, Washington. 47/ Portland. 48/ A weighted average price for milk in excess of Class I needs calculated as follows: (producer deliveries used in Class II times the Class II price) plus (producer deliveries used in Class III times the Class III price) divided by (total producer deliveries in excess of Class I needs).

TABLE 3.—FEDERAL ORDER MINIMUM CLASS I AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.C.B.  
MARKET OR OTHER INDICATED POINT, JANUARY - OCTOBER, AVERAGES 1/

MARKETING AREA	CLASS I*			BLEND*		
	1978	1977	CHANGE 1978 OVER 1977	1978	1977	CHANGE 1978 OVER 1977
DOLLARS PER 100 POUNDS						
NEW ENGLAND						
NEW ENGLAND	12.12	11.41	0.71	11.03	10.30	0.73
AVERAGE 2/	12.12	11.41	.71	11.03	10.30	.73
MIDDLE ATLANTIC						
NEW YORK-NEW JERSEY	11.76	11.07	.69	10.50	9.76	.74
MIDDLE ATLANTIC	11.91	11.20	.71	10.73	10.03	.70
AVERAGE 2/	11.82	11.12	.70	10.58	9.86	.72
SOUTH ATLANTIC						
TAMPA BAY	12.08	11.36	.72	11.85	11.28	.57
SOUTHEASTERN FLORIDA	12.28	11.57	.71	12.10	11.57	.53
UPPER FLORIDA	11.99	11.27	.72	11.96	11.24	.52
GEORGIA	11.44	10.73	.71	11.70	10.26	.74
AVERAGE 2/	11.85	11.14	.71	11.52	10.91	.62
EAST NORTH CENTRAL						
EASTERN GROUP						
SOUTHERN MICHIGAN	10.74	10.02	.72	10.14	9.36	.78
EASTERN OHIO-WESTERN PA.	10.99	10.27	.72	10.12	9.46	.66
OHIO VALLEY	10.84	10.13	.71	10.25	9.48	.77
AVERAGE 2/	10.85	10.14	.71	10.16	9.43	.73
WESTERN GROUP						
MICHIGAN UPPER PENINSULA	10.49	9.78	.71	9.99	9.21	.78
CHICAGO REGIONAL	10.40	9.69	.71	9.85	9.02	.83
LSVILLE-LXGTEN-EVNSVILLE	10.84	10.13	.71	10.19	9.42	.77
INDIANA	10.60	9.88	.72	10.20	9.39	.81
SOUTHERN ILLINOIS	10.67	9.95	.72	10.16	9.38	.78
CENTRAL ILLINOIS	10.53	9.82	.71	10.10	9.31	.79
AVERAGE 2/	10.53	9.82	.71	9.95	9.14	.81
WEST NORTH CENTRAL						
NORTHERN GROUP						
UPPER MIDWEST	10.26	9.55	.71	9.60	8.80	.80
EASTERN SOUTH DAKOTA	10.54	9.83	.71	10.01	9.19	.82
BLACK HILLS	11.11	10.38	.73	10.40	9.45	.95
ICWA 3/	10.54	9.81	.73	9.96	9.18	.78
NEBRASKA - WESTERN IOWA	10.74	10.02	.72	10.06	9.23	.83
AVERAGE 2/	10.41	9.69	.72	9.68	8.88	.80

CONTINUED



TABLE 3.—FEDERAL ORDER MINIMUM CLASS I AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.C.B. MARKET OR OTHER INDICATED POINT, JANUARY - OCTOBER, AVERAGES 1/ -CON.

MARKETING AREA	CLASS I*			BLEND*		
	1978	1977	CHANGE 1978 OVER 1977	1978	1977	CHANGE 1978 OVER 1977
CCLLARS PER 100 POUNDS						
WEST NORTH CENTRAL -CON.						
SOUTHERN GROUP						
ST LOUIS - CARKS	10.74	10.02	0.72	10.19	9.41	0.78
GREATER KANSAS CITY	10.88	10.16	.72	10.21	9.48	.83
NECSHO VALLEY	10.80	10.08	.72	10.60	9.92	.68
WICHITA	10.94	10.23	.71	10.34	9.50	.84
AVERAGE 2/	10.80	10.08	.72	10.21	9.41	.80
EAST SOUTH CENTRAL						
PACUCAH	10.84	10.12	.72	10.46	9.71	.75
NASHVILLE	10.99	10.28	.71	10.31	9.49	.82
MEMPHIS	11.08	10.36	.72	10.80	10.06	.74
TENNESSEE VALLEY	11.24	10.53	.71	10.81	10.04	.77
AVERAGE 2/	11.14	10.42	.72	10.66	9.87	.79
WEST SOUTH CENTRAL						
NORTHERN GROUP 4/						
CENTRAL ARKANSAS	11.08	10.37	.71	10.84	10.03	.81
OKLAHOMA METROPOLITAN	11.12	10.41	.71	10.52	9.75	.77
RED RIVER VALLEY	11.33	10.61	.72	10.76	9.99	.77
TEXAS PANHANDLE	11.39	10.68	.71	11.03	10.03	1.00
LLEBOCK - PLAINVIEW	11.56	10.85	.71	11.32	10.47	.85
AVERAGE 2/	11.17	10.46	.71	10.69	9.89	.80
SOUTHERN GROUP						
GREATER LOUISIANA	11.61	10.89	.72	11.20	10.52	.68
NEW ORLEANS-MISSISSIPPI	11.99	11.27	.72	11.29	10.54	.75
TEXAS	11.46	10.75	.71	10.97	10.16	.81
AVERAGE 2/	11.59	10.87	.72	11.07	10.28	.79
MOUNTAIN						
EASTERN COLORADO	11.44	10.73	.71	10.89	10.16	.73
GREAT BASIN	11.05	10.33	.72	10.38	9.53	.85
WESTERN COLORADO	11.15	10.43	.72	10.93	9.95	.98
CENTRAL ARIZONA	11.66	10.95	.71	10.89	10.03	.86
RIO GRANDE VALLEY	11.49	10.78	.71	10.89	10.26	.63
LAKE MEAD	10.75	10.03	.72	10.49	9.66	.83
AVERAGE 2/	11.38	10.67	.71	10.75	9.95	.80
PACIFIC						
PUGET SOUND	11.00	10.28	.72	10.10	9.30	.80
INLAND EMPIRE	11.09	10.38	.70	10.26	9.45	.81
OREGON - WASHINGTON	11.10	10.38	.72	10.37	9.60	.77
AVERAGE 2/	11.06	10.34	.72	10.22	9.44	.78
45-MARKET AVERAGE 2/ 4/	11.26	10.54	.72	10.38	9.62	.76
ALL-MARKET AVERAGE	11.24	10.53	.71	10.37	9.61	.76

\* All averages are weighted.

1/ See footnotes on table 2 for location at which price is reported.

2/ Based on markets where orders were effective entire period, 1977-78, and which have had no significant marketing area changes. Excludes Iowa.

3/ For the period January-April 1977, the prices represent weighted averages for the four merged markets.

4/ Excludes Fort Smith. Fewer than three handlers.

TABLE 4.—NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL DELIVERIES, AND AVERAGE DAILY DELIVERIES PER PRODUCER, OCTOBER

MARKETING AREA	NUMBER OF PRODUCERS		PRODUCER DELIVERIES			AVERAGE BUTTERFAT PERCENTAGE OF MILK DELIVERIES		AVERAGE DAILY DELIVERIES PER PRODUCER	
	OCT 1978	CHANGE FROM OCT 1977	OCT 1978	OCT 1977	CHANGE FROM OCT 1977	OCT 1978	OCT 1977	OCT 1978	OCT 1977
	NUMBER		1,000 LBS.		PERCENT	PERCENT		POUNDS	
NEW ENGLAND									
NEW ENGLAND	7,654	315-	402,263	408,161	1.4-	3.74	3.77	1,695	1,652
AVERAGE OR TOTAL 1/	7,654	315-	402,263	408,161	1.4-	3.74	3.77	—	—
MIDDLE ATLANTIC									
NEW YORK-NEW JERSEY	17,847	756-	784,114	766,976	2.2	3.68	3.68	1,417	1,330
MIDDLE ATLANTIC	7,459	482-	439,959	466,238	6.0-	3.68	3.74	1,903	1,902
AVERAGE OR TOTAL 1/	25,306	1,238-	1,224,073	1,235,214	.5-	3.68	3.70	—	—
SOUTH ATLANTIC									
TAMPA BAY	121	5	42,385	40,809	3.9	3.44	3.56	10,429	10,305
SOUTHEASTERN FLORIDA	114	2-	64,433	65,525	1.7-	3.56	3.63	18,222	18,217
UPPER FLORIDA	179	2-	56,050	52,280	5.2	3.51	3.58	10,825	9,783
GEORGIA	1,431	93	136,322	127,529	6.9	3.65	3.73	3,073	3,075
AVERAGE OR TOTAL 1/	1,845	94	299,190	287,143	4.2	3.57	3.66	—	—
EAST NORTH CENTRAL									
EASTERN GROUP									
SOUTHERN MICHIGAN	6,513	255-	356,706	354,879	.5	3.72	3.74	1,767	1,691
EASTERN OHIO-WESTERN PA.	6,809	438-	271,395	275,360	1.4-	3.71	3.71	1,246	1,226
OHIO VALLEY	5,943	777-	249,360	261,109	11.3-	3.72	3.76	1,354	1,349
AVERAGE OR TOTAL 1/	19,265	1,470-	877,461	911,348	3.7-	3.72	3.74	—	—
WESTERN GROUP									
MICHIGAN UPPER PENINSULA	197	6	7,352	6,350	15.8	3.73	3.75	1,204	1,072
CHICAGO REGIONAL	16,948	275	791,295	776,733	1.5	3.83	3.83	1,506	1,503
LSVILLE-LXGTEN-EVNSVILLE	2,179	121-	92,669	95,211	2.7-	3.66	3.72	1,372	1,335
INDIANA	3,224	97	148,300	133,072	11.4	3.81	3.86	1,484	1,394
SOUTHERN ILLINOIS	1,718	159-	77,118	84,044	8.2-	3.79	3.80	1,448	1,444
CENTRAL ILLINOIS	570	92	24,221	21,020	15.2	3.77	3.84	1,371	1,419
AVERAGE OR TOTAL 1/	24,836	190	1,140,955	1,116,430	2.2	3.81	3.82	—	—
WEST NORTH CENTRAL									
NORTHERN GROUP									
UPPER MIDWEST	13,361	39	552,287	536,988	2.8	3.78	3.78	1,333	1,300
EASTERN SOUTH DAKOTA	464	18-	21,865	22,660	3.5-	3.68	3.72	1,512	1,550
BLACK HILLS	95	3-	6,304	5,389	17.0	3.77	3.84	2,261	2,196
IOWA	3,229	96	141,214	124,069	5.3	3.80	3.83	1,427	1,393
NEBRASKA - WESTERN IOWA	1,581	33	87,430	82,474	4.7	3.74	3.75	1,814	1,773
AVERAGE OR TOTAL 1/	15,501	51	667,886	646,511	3.0	3.77	3.77	—	—

CONTINUED



TABLE 4.—NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS; TOTAL DELIVERIES, AND AVERAGE DAILY DELIVERIES PER PRODUCER, OCTOBER—CON.

MARKETING AREA	NUMBER OF PRODUCERS		PRODUCER DELIVERIES			AVERAGE BUTTERFAT PERCENTAGE OF MILK DELIVERIES		AVERAGE DAILY DELIVERIES PER PRODUCER	
	CCT 1978	CHANGE FROM OCT 1977	CCT 1978	CCT 1977	CHANGE FROM OCT 1977	CCT 1978	CCT 1977	CCT 1978	OCT 1977
	NUMBER		1,000 LBS.		PERCENT	PERCENT		POUNDS	
WEST NORTH CENTRAL —CON.									
SOUTHERN GROUP									
ST LOUIS — OZARKS	3,230	164	160,815	147,043	9.4	3.71	3.71	1,606	1,547
GREATER KANSAS CITY	1,317	204-	67,290	72,564	7.2-	3.69	3.74	1,686	1,610
NECSHO VALLEY	29	17-	899	703	27.9	3.82	3.76	1,325	1,761
WICHITA	408	48-	22,367	22,556	.8-	3.67	3.71	2,128	2,045
AVERAGE OR TOTAL 1/	4,984	105-	251,371	242,866	3.5	3.70	3.72	—	—
EAST SOUTH CENTRAL									
SOUTHERN GROUP									
PACCAH	235	10	9,504	10,682	11.0-	3.78	3.87	1,305	1,532
NASHVILLE	746	61-	38,895	43,607	10.6-	3.65	3.74	1,682	1,743
MEMPHIS	539	59	26,532	24,609	7.7	3.69	3.75	2,172	2,273
TENNESSEE VALLEY	1,593	116-	87,962	95,593	8.0-	3.72	3.80	1,761	1,834
AVERAGE OR TOTAL 1/	3,113	108-	162,863	174,451	6.7-	3.70	3.78	—	—
WEST SOUTH CENTRAL									
NORTHERN GROUP									
CENTRAL ARKANSAS—FORT SMITH 2/	797	76	32,542	32,561	.0	3.61	3.62	2,010	2,019
OKLAHOMA METROPOLITAN	1,221	38	62,346	61,544	1.2	3.62	3.63	2,086	1,938
RED RIVER VALLEY	163	70-	9,279	9,943	6.7-	3.49	3.61	2,174	1,925
TEXAS PANHANDLE	192	58	7,742	7,544	2.6	3.55	3.49	2,484	3,084
LLEROCK — PLAINVIEW	69	14	5,958	6,385	6.1-	3.60	3.47	5,171	5,640
AVERAGE OR TOTAL 1/	2,452	116	117,907	117,977	.0	3.60	3.61	—	—
SOUTHERN GROUP									
GREATER LOUISIANA	863	35-	50,211	51,309	2.1-	3.72	3.77	1,877	1,843
NEW ORLEANS—MISSISSIPPI	1,688	6-	86,242	80,967	6.5	3.75	3.79	1,648	1,542
TEXAS	3,179	308-	294,920	288,755	2.1	3.59	3.62	2,993	2,672
AVERAGE OR TOTAL 1/	5,730	349-	431,373	421,071	2.4	3.64	3.67	—	—
MOUNTAIN									
EASTERN COLORADO									
GREAT BASIN	923	142-	78,563	71,064	10.6	3.60	3.65	2,746	2,152
WESTERN COLORADO	687	84-	60,357	61,561	2.0-	3.59	3.60	2,834	2,576
CENTRAL ARIZONA	59	41-	6,189	5,877	5.3	3.67	3.65	3,383	1,896
RIC GRANDE VALLEY	155	2-	72,597	70,839	2.5	3.52	3.57	15,889	15,447
LAKE MEAD	199	10	42,868	35,566	20.5	3.47	3.45	10,345	8,713
AVERAGE OR TOTAL 1/	47	11	11,714	11,723	.1-	3.40	3.29	8,040	10,504
PACIFIC									
PLACET SOUND									
INLAND EMPIRE	1,227	30-	146,044	141,820	3.0	3.70	3.78	3,903	3,698
OREGON — WASHINGTON	304	23-	24,233	23,130	4.8	3.72	3.81	2,571	2,300
AVERAGE OR TOTAL 1/	984	25-	121,539	118,563	2.5	3.80	3.85	3,984	3,791
46-MARKET AVG. OR TOTAL 1/									
ALL-MARKET AVG. OR TOTAL	115,251	3,460-	6,139,446	6,103,355	.6	3.71	3.74	1,718	1,658
ALL-MARKET AVG. OR TOTAL									
ALL-MARKET AVG. OR TOTAL	118,480	3,364-	6,280,660	6,227,424	.7	3.71	3.74	1,710	1,651

1/ Based on markets where orders were effective entire period, 1977-78, and which have had no significant marketing area changes. Excludes Iowa.

2/ The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

TABLE 5.-PRODUCER MILK DELIVERIES USED IN CLASS I AND GROSS CLASS I SALES BY HANDLERS REGULATED UNDER FEDERAL ORDERS, OCTOBER

MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I			% USED IN CL. I		GROSS CLASS I		DELIVERIES AS % OF GR. CL. I	
	OCT 1978	OCT 1977	CHANGE FROM OCT 1977	OCT 1978	OCT 1977	OCT 1978	CHANGE FROM OCT 1977	OCT 1978	OCT 1977
	1,000 POUNDS		PERCENT	PERCENT		1,000 LBS	PERCENT	PERCENT	
NEW ENGLAND									
NEW ENGLAND	256,035	255,335	0.3	64	62	257,384	0.5	156	159
AVERAGE OR TOTAL 1/	256,035	255,335	.3	64	62	---	---	---	---
MIDDLE ATLANTIC									
NEW YORK-NEW JERSEY	416,968	394,567	5.7	53	51	417,047	5.7	186	194
MIDDLE ATLANTIC	248,468	278,794	10.9-	56	60	258,818	12.6-	170	158
AVERAGE OR TOTAL 1/	665,436	673,361	1.2-	54	54	---	---	---	---
SOUTH ATLANTIC									
TAMPA BAY	39,291	37,787	4.0	93	92	45,271	4.2	94	94
SOUTHEASTERN FLORIDA	60,627	60,402	.4	94	92	68,162	4.5	94	100
UPPER FLORIDA	53,809	50,581	6.4	96	95	60,161	2.7	93	91
GEORGIA	111,276	104,512	6.5	82	82	113,493	4.5	120	117
AVERAGE OR TOTAL 1/	265,003	253,282	4.6	88	88	---	---	---	---
EAST NORTH CENTRAL									
EASTERN GROUP									
SOUTHERN MICHIGAN	199,973	197,291	1.4	56	56	200,608	1.5	178	180
EASTERN OHIO-WESTERN PA.	179,614	180,923	.7-	66	66	180,189	.5-	151	152
OHIO VALLEY	164,759	181,629	9.3-	66	65	175,925	9.7-	142	144
AVERAGE OR TOTAL 1/	544,346	559,843	2.8-	62	61	---	---	---	---
WESTERN GROUP									
MICHIGAN UPPER PENINSULA	4,435	4,223	5.0	60	66	5,260	13.0	140	136
CHICAGO REGIONAL	259,943	270,002	3.7-	33	35	260,219	3.7-	304	287
LSVILLE-LXGTEN-EVNSVILLE	60,507	64,322	5.9-	65	68	61,344	5.2-	151	147
INDIANA	107,749	94,349	14.2	73	71	114,699	11.2	125	129
SOUTHERN ILLINOIS	49,119	51,640	4.9-	64	61	53,325	.5-	145	157
CENTRAL ILLINOIS	15,326	14,671	4.5	63	70	16,460	.1	147	128
AVERAGE OR TOTAL 1/	497,079	499,207	.4-	44	45	---	---	---	---
WEST NORTH CENTRAL									
NORTHERN GROUP									
UPPER MIDWEST	139,880	133,665	4.6	25	25	140,053	4.6	394	401
EASTERN SOUTH DAKOTA	12,154	12,640	3.8-	56	56	12,246	3.8-	178	178
BLACK HILLS	4,406	3,522	25.1	70	65	4,789	32.9	132	150
IOWA	67,019	67,261	.4-	47	50	67,389	.8-	210	197
NEBRASKA - WESTERN IOWA	43,876	47,249	7.1-	50	57	47,544	.7-	184	174
AVERAGE OR TOTAL 1/	200,316	197,076	1.6	30	30	---	---	---	---

CONTINUED

TABLE 5.- PRODUCER MILK DELIVERIES USED IN CLASS I AND GROSS CLASS I SALES BY HANDLERS REGULATED UNDER FEDERAL ORDERS, OCTOBER -CON.

MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I						GROSS CLASS I		DELIVERIES AS % OF	
	OCT 1978	OCT 1977	CHANGE FROM OCT 1977	% USED IN CL. I		OCT 1978	CHANGE FROM OCT 1977	GR. CL. I		
				OCT 1978	OCT 1977			OCT 1978	OCT 1977	
	1,000 POUNDS		PERCENT	PERCENT		1,000 LBS	PERCENT	PERCENT		
WEST NORTH CENTRAL -CON.										
SOUTHERN GROUP										
ST LOUIS - OZARKS	112,524	98,671	14.0	70	67	116,031	12.4	138	142	
GREATER KANSAS CITY	41,163	47,530	13.3-	61	65	41,985	14.3-	160	148	
NECSHO VALLEY	677	654	3.5	75	93	691	7.4-	130	94	
WICHITA	17,524	17,544	.1-	78	78	17,646	12.0-	127	112	
AVERAGE OR TOTAL 1/	171,888	164,369	4.6	68	68	---	---	---	---	
EAST SOUTH CENTRAL										
PADUCAH	7,767	8,330	6.8-	82	78	7,849	5.8-	121	128	
NASHVILLE	26,382	28,926	8.8-	68	66	26,392	9.4-	147	150	
MEMPHIS	22,434	20,598	8.9	85	84	24,915	8.1-	106	91	
TENNESSEE VALLEY	73,143	75,640	3.3-	83	79	74,144	3.7-	119	124	
AVERAGE OR TOTAL 1/	129,726	133,494	2.8-	80	76	---	---	---	---	
WEST SOUTH CENTRAL										
NORTHERN GROUP										
CENTRAL ARKANSAS-PORT SMITH 2/	28,824	29,989	3.9-	88	92	30,946	19.1-	105	85	
OKLAHOMA METROPOLITAN	45,530	48,935	7.0-	73	80	48,612	3.5-	128	122	
RED RIVER VALLEY	6,570	7,899	16.8-	71	79	6,570	16.8-	141	126	
TEXAS PANHANDLE	6,666	6,730	1.0-	86	89	6,666	1.0-	116	112	
LLBDOCK - PLAINVIEW	5,588	5,906	5.4-	93	92	5,590	5.4-	107	108	
AVERAGE OR TOTAL 1/	93,178	99,459	6.3-	79	84	---	---	---	---	
SOUTHERN GROUP										
GREATER LOUISIANA	44,848	44,906	.1-	89	88	46,131	6.9-	105	104	
NEW ORLEANS-MISSISSIPPI	69,317	64,841	6.9	80	80	70,539	.7-	122	114	
TEXAS	230,633	233,190	1.1-	78	81	231,204	1.6-	128	123	
AVERAGE OR TOTAL 1/	344,798	342,937	.5	80	81	---	---	---	---	
MOUNTAIN										
EASTERN COLORADO	56,601	51,978	8.9	72	73	59,266	5.8	132	127	
GREAT BASIN	39,968	37,785	5.8	66	61	41,210	5.9	146	158	
WESTERN COLORADO	5,668	5,292	7.1	92	90	5,856	7.9	106	108	
CENTRAL ARIZONA	50,033	48,051	4.1	69	68	50,033	4.1	145	147	
RIO GRANDE VALLEY	30,459	28,828	5.6	71	81	30,478	5.7	141	123	
LAKE MEAD	8,711	8,042	8.3	74	69	8,889	10.2	132	145	
AVERAGE OR TOTAL 1/	191,440	179,976	6.4	70	70	---	---	---	---	
PACIFIC										
PIGET SOUND	64,550	60,934	5.9	44	43	68,014	6.9	215	223	
INLAND EMPIRE	13,910	12,166	14.3	57	52	13,919	12.2	174	186	
OREGON - WASHINGTON	73,285	72,008	1.8	60	61	76,606	.1-	159	154	
AVERAGE OR TOTAL 1/	151,745	145,108	4.6	52	51	---	---	---	---	
46-MARKET AVG. OR TOTAL 1/	3,510,990	3,503,447	.2	57	57	---	---	---	---	
ALL-MARKET AVG. OR TOTAL	3,578,009	3,570,708	.2	57	57	---	---	---	---	

1/ Based on markets where orders were effective entire period, 1977-78, and which have had no significant marketing area changes. Excludes Iowa.

2/ The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

Table 6.—Producer milk deliveries used in Class II by handlers regulated under those Federal orders which have three classes of utilization, October and year to date with comparisons 1/

Marketing area	: Producer deliveries		: % Used		:: Producer Deliveries:		: % Used	
	: used in Class II		: in Cl. II		:: used in Class II		: in Cl. II	
	: Oct.	: Oct.	: Oct	: Oct.	: Cum.*	: Cum.*	: Cum.*	: Cum.*
	: 1978	: 1977	: 1978	: 1977	: 1978	: 1977	: 1978	: 1977
	: <u>1,000 lb.</u>		: <u>Percent</u>		: <u>1,000 lb.</u>		: <u>Percent</u>	
SOUTH ATLANTIC								
Georgia	: 8,923	: 9,650	: 6.5	: 7.6	:: 108,058	: 87,959	: 8.3	: 6.9
EAST NORTH CENTRAL								
Eastern Group								
Southern Michigan	: 25,511	: 21,297	: 7.2	: 6.0	:: 256,467	: 232,886	: 7.3	: 6.7
Eastern Ohio-W. Pa.	: 18,239	: 17,411	: 6.7	: 6.3	:: 192,650	: 182,383	: 6.6	: 6.2
Ohio Valley	: 21,832	: 20,916	: 8.8	: 7.4	:: 219,542	: 220,417	: 8.9	: 8.4
Western Group								
Chicago Regional	: 89,310	: 91,951	: 11.3	: 11.8	:: 963,060	: 973,931	: 11.2	: 11.4
Louisville-Lex.-Evans.	: 6,266	: 6,420	: 6.8	: 6.7	:: 77,006	: 65,985	: 7.9	: 6.5
Indiana	: 18,512	: 14,944	: 12.5	: 11.2	:: 239,218	: 234,036	: 14.5	: 13.3
Southern Illinois	: 9,512	: 9,656	: 12.3	: 11.5	:: 103,422	: 105,237	: 12.0	: 11.3
Central Illinois	: 1,420	: 890	: 5.9	: 4.2	:: 15,203	: 12,036	: 6.6	: 5.5
WEST NORTH CENTRAL								
Northern Group								
Upper Midwest	: 23,937	: 19,338	: 4.3	: 3.6	:: 243,003	: 224,210	: 3.9	: 3.8
Eastern South Dakota	: 2,841	: 2,748	: 13.0	: 12.1	:: 30,769	: 31,463	: 13.1	: 12.6
Iowa <u>2/</u>	: 9,430	: 9,550	: 6.7	: 7.1	:: 105,408	: 107,642	: 6.8	: 7.6
Nebraska-Western Iowa	: 9,218	: 9,932	: 10.5	: 11.9	:: 105,024	: 106,174	: 11.9	: 11.4
Southern Group								
St. Louis-Ozarks	: 25,086	: 18,534	: 15.6	: 12.6	:: 230,588	: 208,783	: 15.0	: 13.8
Greater Kansas City	: 10,767	: 10,074	: 16.0	: 13.9	:: 123,587	: 129,173	: 17.1	: 15.5
Neosho Valley	: 20	: 17	: 2.2	: 2.4	:: 182	: 142	: 2.5	: 2.7
Wichita	: 3,735	: 2,796	: 16.7	: 12.4	:: 33,408	: 27,256	: 12.7	: 9.4
EAST SOUTH CENTRAL								
Paducah	: 1,076	: 1,420	: 11.3	: 13.3	:: 11,773	: 11,958	: 12.5	: 11.9
Nashville	: 1,818	: 2,161	: 4.7	: 5.0	:: 23,312	: 24,500	: 5.6	: 4.9
Memphis	: 3,224	: 2,753	: 12.2	: 11.2	:: 30,091	: 24,500	: 11.9	: 10.6
Tennessee Valley	: 6,621	: 8,341	: 7.5	: 8.7	:: 95,735	: 96,798	: 10.3	: 9.9

Continued

Table 6.—Producer milk deliveries used in Class II by handlers regulated under those Federal orders which have three classes of utilization, October and year to date with comparisons 1/ — Con.

Marketing area	: Producer deliveries		: % Used		:: Producer Deliveries:		% Used	
	: used in Class II		: in Cl. II		: used in Class II		: in Cl. II	
	: Oct.	: Oct.	: Oct.	: Oct.	: Cum.*	: Cum.*	: Cum.*	: Cum.*
	: 1978	: 1977	: 1978	: 1977	: 1978	: 1977	: 1978	: 1977
	: 1,000 lb.		: Percent		: 1,000 lb.		: Percent	
WEST SOUTH CENTRAL								
Northern Group								
Central Arkansas—								
Fort Smith	: 2,037	: 1,993	: 6.3	: 6.1	:: 20,147	: 21,078	: 6.5	: 6.6
Oklahoma Metropolitan	: 10,434	: 8,777	: 16.7	: 14.3	:: 98,548	: 94,684	: 14.3	: 13.4
Red River Valley	: 2,478	: 1,270	: 26.7	: 12.8	:: 22,251	: 15,472	: 23.6	: 13.9
Texas Panhandle	: 790	: 688	: 10.2	: 9.1	:: 8,182	: 6,859	: 10.6	: 7.7
Lubbock-Plainview	: 147	: 273	: 2.5	: 4.3	:: 3,013	: 2,544	: 5.1	: 4.0
Southern Group								
Greater Louisiana	: 2,245	: 2,536	: 4.5	: 4.9	:: 28,462	: 33,184	: 5.2	: 6.4
New Orleans-Mississippi	: 8,496	: 8,503	: 9.9	: 10.5	:: 92,280	: 95,163	: 9.6	: 10.2
Texas	: 33,639	: 32,432	: 11.4	: 11.2	:: 337,572	: 348,959	: 11.9	: 12.1
MOUNTAIN								
Eastern Colorado	: 8,380	: 7,118	: 10.7	: 10.0	:: 84,376	: 75,305	: 11.5	: 11.1
Great Basin	: 3,270	: 3,626	: 5.4	: 5.9	:: 36,387	: 41,061	: 5.8	: 6.3
Central Arizona	: 10,454	: 9,919	: 14.4	: 14.0	:: 101,854	: 97,891	: 14.2	: 13.5
Rio Grande Valley	: 6,366	: 5,049	: 14.9	: 14.2	:: 92,925	: 49,113	: 23.1	: 14.0
Lake Mead	: 666	: 598	: 5.7	: 5.1	:: 7,060	: 6,432	: 6.1	: 5.7
PACIFIC								
Puget Sound	: 17,778	: 16,010	: 12.2	: 11.3	:: 184,374	: 180,588	: 12.5	: 12.8
Inland Empire	: 1,836	: 2,233	: 7.6	: 9.7	:: 24,608	: 24,791	: 9.3	: 10.5
Oregon-Washington	: 16,672	: 12,752	: 13.7	: 10.8	:: 165,949	: 147,888	: 13.6	: 12.5

\* Year to date.

1/ Excludes Southeastern Florida; Class III only applies to the skim milk portion of all milk disposed of for fertilizer or livestock feed or dumped.

2/ The data for January-April 1977 represent the summation of the four orders merged to form Iowa.

3/ The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

TABLE 7.—PRODUCER MILK DELIVERIES TO HANDLERS REGULATED UNDER FEDERAL ORDERS AND DELIVERIES USED IN CLASS I  
JANUARY - OCTOBER

MARKETING AREA	PRODUCER DELIVERIES			PRODUCER DELIVERIES USED IN CLASS I			% USED IN CL. I	
	1978	1977	CHANGE 1978 OVER 1977	1978	1977	CHANGE 1978 OVER 1977	1978	1977
	1,000 POUNDS		PERCENT	1,000 POUNDS		PERCENT	PERCENT	
NEW ENGLAND								
NEW ENGLAND	4,251,538	4,188,875	1.5	2,423,385	2,428,721	0.3-	57	58
TOTAL 1/	4,251,538	4,188,875	1.5	2,423,385	2,428,721	.3-	57	58
MIDDLE ATLANTIC								
NEW YORK-NEW JERSEY	8,322,702	8,112,221	2.6	3,897,240	3,760,096	3.6	47	46
MIDDLE ATLANTIC	4,548,112	4,725,667	3.8-	2,498,785	2,706,221	7.7-	55	57
TOTAL 1/	12,870,814	12,837,888	.2	6,396,025	6,466,317	1.1-	50	50
SOUTH ATLANTIC								
TAMPA BAY	443,745	450,785	1.6-	403,081	392,427	2.7	91	87
SOUTHEASTERN FLORIDA	649,904	627,821	3.5	602,499	568,317	6.0	93	90
UPPER FLORIDA	565,235	558,535	1.2	530,262	515,621	2.8	94	92
GEORGIA	1,303,076	1,268,759	2.7	1,014,981	986,813	2.8	78	78
TOTAL 1/	2,961,960	2,905,900	1.9	2,550,823	2,463,178	3.6	86	85
EAST NORTH CENTRAL								
EASTERN GROUP								
SOUTHERN MICHIGAN	3,527,979	3,498,803	.8	1,896,099	1,855,222	2.2	54	53
EASTERN OHIO-WESTERN PA.	2,909,998	2,954,977	1.5-	1,705,257	1,735,645	1.8-	58	59
OHIO VALLEY	2,476,621	2,622,588	5.6-	1,513,492	1,583,843	4.4-	61	60
TOTAL 1/	8,914,598	9,076,368	1.8-	5,114,848	5,174,710	1.2-	57	57
WESTERN GROUP								
MICHIGAN UPPER PENINSULA	74,136	70,586	5.0	41,877	40,439	3.6	56	57
CHICAGO REGIONAL	8,636,507	8,532,440	1.2	2,503,802	2,520,175	.6-	29	30
LSVILLE-LXGTEN-EVNSVILLE	969,748	1,014,200	4.4-	586,324	612,364	4.2-	60	60
INDIANA	1,647,793	1,762,020	6.5-	1,118,049	1,145,680	2.4-	68	65
SOUTHERN ILLINOIS	858,655	928,029	7.5-	477,046	482,660	1.2-	56	52
CENTRAL ILLINOIS	230,548	217,369	6.1	136,258	132,742	2.6	59	61
TOTAL 1/	12,417,387	12,524,644	.8-	4,863,356	4,934,360	1.4-	39	39
WEST NORTH CENTRAL								
NORTHERN GROUP								
UPPER MIDWEST	6,158,016	5,871,235	4.9	1,292,167	1,279,418	1.0	21	22
EASTERN SOUTH DAKOTA	235,196	248,987	5.5-	114,954	111,214	3.3	49	45
BLACK HILLS	64,401	62,377	3.2	38,417	30,813	24.7	60	49
ICWA 2/	1,559,671	1,418,201	10.0	638,763	613,829	4.1	41	43
NEBRASKA - WESTERN ILLWA	882,872	928,965	5.3-	442,106	452,859	2.4-	50	49
TOTAL 1/	7,340,485	7,111,564	3.2	1,887,644	1,874,404	.7	26	26

CONTINUED



TABLE 7.-PRODUCER MILK DELIVERIES TO HANDLERS REGULATED UNDER FEDERAL ORDERS AND DELIVERIES USED IN CLASS I  
JANUARY - OCTOBER -CON.

MARKETING AREA	PRODUCER DELIVERIES			PRODUCER DELIVERIES USED IN CLASS I			PERCENT USED IN CL. I	
			CHANGE 1978 OVER 1977			CHANGE 1978 OVER 1977		
	1978	1977		1978	1977		1978	1977
	1,000 POUNDS		PERCENT	1,000 POUNDS		PERCENT	PERCENT	
WEST NORTH CENTRAL -CON.								
SOUTHERN GROUP								
ST LOUIS - OZARKS	1,532,215	1,514,325	1.2	1,045,941	1,032,343	4.3	68	66
GREATER KANSAS CITY	722,334	833,599	13.3-	401,474	423,643	5.1-	56	51
NECSDO VALLEY	7,167	5,333	34.4	6,162	4,852	27.0	86	91
WICHITA	262,658	291,269	9.8-	169,870	170,273	.2-	65	58
TOTAL 1/	2,524,374	2,644,526	4.5-	1,623,447	1,600,511	1.4	54	60
EAST SOUTH CENTRAL								
PADUCAH	94,191	100,194	6.0-	74,181	78,505	5.5-	75	78
NASHVILLE	419,904	500,219	16.7-	247,945	273,166	9.2-	55	55
MEMPHIS	252,732	260,983	3.2-	210,392	215,420	4.1-	83	84
TENNESSEE VALLEY	929,848	973,253	4.4-	705,090	718,029	1.8-	76	74
TOTAL 1/	1,696,675	1,834,649	7.5-	1,237,608	1,289,120	4.0-	73	70
WEST SOUTH CENTRAL								
NORTHERN GROUP								
CENTRAL ARKANSAS-FORT SMITH 2/	308,250	317,942	3.0-	270,367	265,848	1.7	88	84
OKLAHOMA METROPOLITAN	685,265	706,618	2.4-	454,069	450,327	.8	66	64
RED RIVER VALLEY	94,394	111,695	15.5-	65,126	77,567	16.0-	69	69
TEXAS PANHANDLE	77,224	88,632	12.9-	64,647	63,084	2.5	84	71
LLEBROCK - PLAINVIEW	58,813	63,150	6.9-	52,882	53,721	1.6-	90	85
TOTAL 1/	1,227,946	1,288,037	4.7-	907,091	910,547	.4-	74	71
SOUTHERN GROUP								
GREATER LOUISIANA	542,741	522,384	3.9	446,508	440,015	1.5	82	84
NEW ORLEANS-MISSISSIPPI	962,836	931,097	3.4	664,870	660,961	.6	69	71
TEXAS	2,842,055	2,885,676	1.5-	2,192,905	2,150,087	2.0	77	74
TOTAL 1/	4,347,632	4,339,157	.2	3,304,283	3,251,063	1.6	76	75
MOUNTAIN								
EASTERN COLORADO	731,963	680,939	7.5	522,348	498,638	4.7	71	73
GREAT BASIN	626,896	648,863	3.4-	363,821	348,283	4.5	58	54
WESTERN COLORADO	59,539	61,696	3.5-	51,341	45,131	13.8	86	73
CENTRAL ARIZONA	715,340	722,798	1.0-	469,398	441,770	6.2	66	61
RIC GRANDE VALLEY	401,928	351,010	14.5	284,918	273,290	4.2	71	78
LAKE MEAD	115,677	113,316	2.1	84,331	77,014	9.5	73	68
TOTAL 1/	2,651,343	2,578,622	2.8	1,776,157	1,684,326	5.4	67	65
PACIFIC								
PLCET SOUND	1,475,792	1,407,658	4.8	602,116	566,387	6.3	41	40
INLAND EMPIRE	264,561	235,109	12.5	134,408	113,754	18.2	51	48
OREGON - WASHINGTON	1,223,879	1,186,537	3.1	685,163	654,318	4.7	56	55
TOTAL 1/	2,964,232	2,829,304	4.8	1,421,687	1,334,459	6.5	48	47
46-MARKET TOTAL 1/	64,168,984	64,159,534	0	33,503,354	33,411,716	.3	52	52
ALL-MARKET TOTAL	65,728,655	65,577,735	.2	34,142,117	34,025,545	.3	52	52

1/ Based on markets where orders were effective entire period, 1977-78, and which have had no significant marketing area changes. Excludes Iowa.

2/ Data for January-April 1977 represent the summation of the four orders merged to form Iowa.

3/ The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

TABLE 8. WHOLE MILK AND LOWFAT AND SKIM MILK ITEMS SOLO IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, SEPTEMBER 1978 WITH COMPARISONS 1/

MARKETING AREA	WHOLE MILK ITEMS 2/					LOWFAT AND SKIM MILK ITEMS 3/					TOTAL					
	SEPTEMBER 1978		CHANGE FROM 1977			SEPTEMBER 1978		CHANGE FROM 1977			SEPTEMBER 1978		CHANGE FROM 1977			
	SALES	BUTTER-FAT CONTENT	SEP	YEAR TO DATE	PERCENT	SALES	BUTTER-FAT CONTENT	SEP	YEAR TO DATE	PERCENT	SALES	BUTTER-FAT CONTENT	SEP	YEAR TO DATE	PERCENT	
																MIL. LB.
	MIL. LB.					MIL. LB.					MIL. LB.					
NEW ENGLAND	192.0	3.36	-	2.2	-	2.9	54.9	.99	3.3	8.8	246.9	2.83	-	1.1	-	.6
NEW ENGLAND	192.0	3.36	-	2.2	-	2.9	54.9	.99	3.3	8.8	246.9	2.83	-	1.1	-	.6
MIDDLE ATLANTIC	170.5	3.30	-	5.4	-	3.9	74.6	1.28	5.9	5.1	245.1	2.69	-	2.2	-	1.4
MIDDLE ATLANTIC	170.5	3.30	-	5.4	-	3.9	74.6	1.28	5.9	5.1	245.1	2.69	-	2.2	-	1.4
SOUTH ATLANTIC	165.1	3.29	-	.9	.4		80.8	1.21	2.2	4.9	245.9	2.61	.1	1.8		
TAMPA BAY	30.9	3.28	-	1.3	-	1.2	13.7	1.11	8.1	9.0	44.5	2.61	1.4	1.6		
SOUTHEASTERN FLORIDA	40.4	3.32		1.6	1.2		17.7	1.29	1.9	7.9	58.1	2.70	1.7	3.1		
UPPER FLORIDA	38.4	3.25		.5	2.7		15.7	1.19	7.0	10.4	54.1	2.65	2.3	4.7		
GEORGIA	55.4	3.31	-	3.3	-	.9	33.7	1.22	-	1.8	89.1	2.52	-	2.7	-	.7
EAST NORTH CENTRAL	602.3	3.27	-	5.0	-	4.0	428.5	1.58	4.2	3.8	1,030.7	2.57	-	1.4	-	1.0
EASTERN GROUP																
SOUTHERN MICHIGAN	122.7	3.25	-	4.4	-	2.8	67.5	1.05	6.2	2.5	190.1	2.47	-	.9	-	1.0
E. OHIO - W. PA.	123.5	3.27	-	5.1	-	5.4	54.3	1.71	1.9	4.9	177.8	2.79	-	3.1	-	2.5
OHIO VALLEY	104.7	3.25	-	4.8	-	3.6	69.9	1.65	2.6	2.7	174.6	2.61	-	2.0	-	1.2
WESTERN GROUP																
MICH. UPPER PENINSULA	4.5	3.35	-	2.9	-	3.7	4.1	1.72	10.1	13.4	8.7	2.58	2.9	3.7		
CHICAGO REGIONAL	133.6	3.30	-	5.8	-	4.5	117.5	1.63	7.6	5.6	251.1	2.52	.0	-	-	1
LOUIS. - LEX. - EVANS	30.4	3.29	-	7.6	-	4.4	27.6	1.76	2.7	4.4	58.0	2.56	-	2.9	-	.5
INDIANA	49.9	3.29	-	5.7	-	4.5	54.7	1.72	2.9	2.5	104.6	2.47	-	1.4	-	1.0
SOUTHERN ILLINOIS	23.3	3.26		2.6	.6		22.4	1.72	-	1.0	45.7	2.50	-	.1	-	.8
CENTRAL ILLINOIS	9.8	3.27	-	8.7	-	7.5	10.4	1.68	3.3	2.8	20.1	2.45	-	2.9	-	2.5
WEST NORTH CENTRAL	149.4	3.30	-	7.2	-	5.2	213.8	1.56	2.0	3.1	363.1	2.28	-	2.0	-	.6
NORTHERN GROUP																
UPPER MIOWEST	33.4	3.28	-	8.9	-	7.3	87.1	1.51	1.2	2.6	120.5	2.00	-	1.8	-	.5
EASTERN SOUTH OAKOTA	3.3	3.27	-	11.6	-	3.1	6.1	1.74	2.3	6.0	9.4	2.28	-	3.1	-	2.5
BLACK HILLS	1.3	3.35		4.3	2.0		1.7	1.88	4.0	5.9	3.0	2.52	4.1	4.2		
IOWA	22.2	3.39	-	5.4	-	4.7	38.5	1.67	1.9	5.7	60.7	2.30	-	.9	-	1.5
NEBRASKA - WESTERN IOWA	21.0	3.33	-	6.8	-	4.2	22.2	1.61	2.1	3.7	43.1	2.44	-	2.5	-	.4

CONTINUED

TABLE 8. WHOLE MILK AND LOWFAT AND SKIM MILK ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, SEPTEMBER 1978 WITH COMPARISONS 1/ -CON.

MARKETING AREA	WHOLE MILK ITEMS 2/					LOWFAT AND SKIM MILK ITEMS 3/					TOTAL				
	SEPTEMBER 1978		CHANGE FROM 1977			SEPTEMBER 1978		CHANGE FROM 1977			SEPTEMBER 1978		CHANGE FROM 1977		
	SALES	MIL. LB.	BUTTER-FAT	CONTENT	PERCENT	SALES	MIL. LB.	BUTTER-FAT	CONTENT	PERCENT	SALES	MIL. LB.	BUTTER-FAT	CONTENT	PERCENT
			YEAR	DATE				YEAR	DATE				YEAR	DATE	
			TC					TC					TC		
WEST NORTH CENTRAL-CCN.															
SOUTHERN GROUP															
ST. LOUIS - OZARKS	30.3		3.27	- 11.0	- 7.8	27.0		1.52	5.8	- .1	57.3		2.44	- 3.8	- 4.3
GREATER KANSAS CITY	23.6		3.29	- 3.6	- 2.5	21.9		1.55	- .8	2.8	45.5		2.45	- 2.3	- .1
NEOSHO VALLEY	4.6		3.30	5.6	- .5	2.4		1.44	15.3	7	7.0		2.67	8.7	- .1
WICHITA	9.6		3.27	- 7.5	- 2.9	7.0		1.57	1.7	6.2	16.6		2.56	- 3.8	- .6
EAST SOUTH CENTRAL	75.3		3.33	- 3.6	- 2.6	50.3		1.54	4.9	3.8	125.6		2.61	- .3	- .2
PAUCAH	5.1		3.25	- 5.2	- 2.5	2.8		1.47	7.3	1.2	7.8		2.62	- 1.2	- 1.4
NASHVILLE	21.5		3.31	- 3.9	- 3.6	11.1		1.54	- 2.0	4.4	32.6		2.71	- 3.3	- 2.3
MEMPHIS	13.1		3.39	- 3.8	- 3.8	6.2		1.26	- .8	-	19.3		2.70	- 2.8	- 4.0
TENNESSEE VALLEY	35.6		3.34	- 3.0	- 1.5	30.2		1.60	8.8	7.4	65.8		2.54	2.1	2.2
WEST SOUTH CENTRAL	319.6		3.40	- .3	.9	98.0		1.33	.2	4.2	417.5		2.91	- .2	1.7
NORTHERN GROUP															
CENTRAL ARKANSAS	14.2		3.36	- 1.0	6.4	6.4		1.53	7.1	7.7	20.6		2.79	2.9	6.8
FORT SMITH	1.4		3.34	- 14.6	1.6	.8		1.39	45.5	12.3	2.2		2.60	1.4	4.5
OKLAHOMA METROPOLITAN	27.6		3.31	- 1.5	1.5	10.2		1.43	3.6	3.2	37.7		2.80	1.9	- .3
RED RIVER VALLEY	9.3		3.36	- 11.9	- 3.3	1.7		1.24	- 14.2	5.2	11.0		3.03	- 12.3	- 2.0
TEXAS PANHANDLE	5.8		3.39	- 1.6	6.2	1.4		1.53	.8	6.6	7.2		3.04	- 1.2	1.3
LUBBOCK - PLAINVIEW	4.8		3.37	- 1.5	- 6.0	1.5		1.46	- 7.1	21.9	6.3		2.90	- .7	- .5
SOUTHERN GROUP															
GREATER LOUISIANA	39.6		3.55	- 2.2	- .1	11.0		1.61	2.4	9.1	50.7		3.13	- 1.2	1.9
NEW ORLEANS - MISS.	52.9		3.54	- 3.4	- 2.5	13.6		1.38	- .2	8.6	66.5		3.10	- 2.8	- .5
TEXAS	164.1		3.33	- 1.8	2.8	51.3		1.21	- 1.4	1.4	215.4		2.83	1.0	2.4
MOUNTAIN	106.7		3.34	- 1.0	2.9	81.1		1.71	4.8	8.5	187.8		2.64	2.6	5.2
EASTERN COLORADO	26.8		3.22	- 2.6	3.1	24.8		1.80	- .2	5.1	51.6		2.54	1.2	4.1
GREAT BASIN	14.9		3.26	- 2.9	2.1	23.3		1.85	5.0	6.1	38.1		2.40	4.2	4.5
WESTERN COLORADO	2.5		3.29	- 6.2	15.5	1.9		1.82	22.3	27.1	4.4		2.65	12.6	20.2
CENTRAL ARIZONA	28.9		3.49	- 2.2	2.7	19.6		1.48	6.6	11.0	48.5		2.68	1.2	5.8
RIO GRANDE VALLEY	25.6		3.37	- 1.6	- .6	7.3		1.49	6.8	14.9	32.9		2.95	.1	2.5
LAKE MEAD	8.0		3.34	- 12.5	13.2	4.3		1.90	17.3	15.0	12.2		2.84	14.1	13.8
PACIFIC	57.8		3.35	- 2.6	1.1	83.9		1.82	3.4	7.2	141.6		2.44	.9	4.6
PUGET SOUND	22.2		3.33	- 2.8	1.1	33.4		1.84	3.2	7.7	55.7		2.44	.7	4.9
INLAND EMPIRE	4.5		3.31	- 2.0	3.4	9.1		1.80	1.2	7.4	13.6		2.30	1.5	6.0
OREGON - WASHINGTON	31.0		3.37	- 3.0	.8	41.3		1.81	4.1	6.7	72.3		2.48	.9	4.1
COMBINED AREAS (46)	1,838.6		3.32	- 3.3	- 2.2	1,165.6		1.51	3.4	4.7	3,004.2		2.62	- .8	.3
COMBINED AREAS ACJ. FOR															
CALENDAR COMPOSITION 4/	1,814.1		---	- 3.3	- 2.2	1,138.7		---	3.1	4.7	2,956.3		---	- .9	.3
NEW YORK - NEW JERSEY 5/	---		---	---	---	---		---	---	---	404.9		---	- 2.3	.5

1/ In-area sales represent total sales in each of the areas by handlers regulated under the respective orders by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handlers' in-area sales are partially estimated.

2/ Plain and flavored whole milk.

3/ Plain, fortified and flavored skim and lowfat milk and buttermilk.

4/ Figures adjusted to eliminate variations due to calendar composition. See special article in FMOS - 221, July 1978.

5/ Small amount of sales estimated.

TABLE 9.---PACKAGE SALES OF INDIVIDUAL WHOLE MILK PRODUCTS AND LOWFAT AND SKIM MILK PRODUCTS IN 46 SELECTED MARKETING AREAS  
DEFINED BY FEDERAL MILK ORDERS, JANUARY 1978 TO DATE, WITH COMPARISONS 1/

PRODUCT NAME	JANUARY				FEBRUARY				MARCH			
	SALES	8F. CON- TENT	CHANGE 1978 FROM 1977		SALES	8F. CON- TENT	CHANGE 1978 FROM 1977		SALES	8F. CON- TENT	CHANGE 1978 FROM 1977	
			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE
MIL. LB.		PERCENT		MIL. LB.		PERCENT		MIL. LB.		PERCENT		
FLUID WHOLE MILK PRODUCTS*	1,923	3.34	- 1.0	- 1.0	1,730	3.34	- 1.2	- 1.1	1,900	3.33	- 2.6	- 1.6
WHOLE MILK	1,844	3.34	- .9	- .9	1,653	3.33	- .9	- .9	1,817	3.32	- 1.9	- 1.2
FLAVORED WHOLE MILK PRODUCTS	79	3.37	- 3.2	- 3.2	77	3.37	- 7.1	- 5.2	84	3.35	- 15.4	- 9.0
FLUID LOWFAT AND SKIM MILK PRODUCTS*	1,149	1.51	6.0	6.0	1,059	1.50	6.1	6.0	1,176	1.49	4.6	5.5
2% LOWFAT MILK PRODUCTS 2/												
2% LOWFAT MILK - PLAIN	600	1.83	9.9	9.9	545	1.82	9.1	9.5	612	1.81	11.2	10.1
2% LOWFAT MILK - MILK SOLIDS ADDED	277	1.53	2.4	2.4	253	1.54	6.1	4.1	272	1.54	- 1.4	2.2
SKIM MILK PRODUCTS												
SKIM MILK - PLAIN	66	.25	5.1	5.1	62	.25	2.6	3.9	69	.24	5.5	4.5
SKIM MILK - MILK SOLIDS ADDED	65	.28	- 8.6	- 8.6	62	.29	- 7.2	- 7.9	71	.29	- 7.9	- 7.9
FLAVORED LOWFAT AND SKIM MILK PRODS	86	1.40	9.4	9.4	87	1.39	5.3	7.3	94	1.37	- 3.5	3.2
BUTTERMILK	56	1.07	.5	.5	51	1.06	- .7	- .1	57	1.06	- 1.5	- .6
TOTAL	3,073	2.65	1.5	1.5	2,789	2.64	1.5	1.5	3,076	2.63	.0	1.0
TOTAL ADJUSTED FOR CALENDAR COMPOSITION 3/	3,139	---	2.0	2.0	2,789	---	1.5	1.7	3,034	---	.6	.9
PRODUCT NAME	APRIL				MAY				JUNE			
	SALES	8F. CON- TENT	CHANGE 1978 FROM 1977		SALES	8F. CON- TENT	CHANGE 1978 FROM 1977		SALES	8F. CON- TENT	CHANGE 1978 FROM 1977	
			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE
MIL. LB.		PERCENT		MIL. LB.		PERCENT		MIL. LB.		PERCENT		
FLUID WHOLE MILK PRODUCTS*	1,758	3.32	- 5.1	- 2.5	1,825	3.32	.5	- 1.9	1,679	3.32	- 1.6	- 1.8
WHOLE MILK	1,674	3.32	- 5.2	- 2.2	1,739	3.32	.8	- 1.6	1,629	3.32	- 1.4	- 1.6
FLAVORED WHOLE MILK PRODUCTS	84	3.35	- 2.7	- 7.4	86	3.36	- 5.9	- 7.1	50	3.33	- 7.0	- 7.1
FLUID LOWFAT AND SKIM MILK PRODUCTS*	1,104	1.49	3.1	4.9	1,141	1.49	9.2	5.8	1,024	1.49	4.1	5.5
2% LOWFAT MILK PRODUCTS 2/												
2% LOWFAT MILK - PLAIN	568	1.81	8.6	9.7	589	1.81	16.1	11.0	558	1.79	13.4	11.3
2% LOWFAT MILK - MILK SOLIDS ADDED	255	1.54	- 5.7	.2	261	1.54	1.0	.3	236	1.56	- 8.4	- 1.1
SKIM MILK PRODUCTS												
SKIM MILK - PLAIN	66	.24	4.7	4.5	69	.24	14.6	6.5	65	.24	7.6	6.7
SKIM MILK - MILK SOLIDS ADDED	66	.28	- 7.5	- 7.8	66	.28	- 6.6	- 7.6	60	.28	- 8.2	- 7.7
FLAVORED LOWFAT AND SKIM MILK PRODS	95	1.37	11.3	5.2	100	1.37	8.7	5.9	49	1.39	- 4.5	4.8
BUTTERMILK	54	1.05	- 5.7	- 1.9	57	1.05	.3	- 1.6	56	1.06	- .2	- 1.4
TOTAL	2,862	2.62	- 2.1	.2	2,967	2.62	3.7	.9	2,703	2.63	.5	.8
TOTAL ADJUSTED FOR CALENDAR COMPOSITION 3/	2,936	---	2.0	1.2	2,940	---	.6	1.1	2,661	---	.5	.8

CONTINUED

TABLE 9.—PACKAGED SALES OF INDIVIDUAL WHOLE MILK PRODUCTS AND LOWFAT AND SKIM MILK PRODUCTS IN 46 SELECTED MARKETING AREAS  
DEFINED BY FEDERAL MILK ORDERS, JANUARY 1978 TO DATE, WITH COMPARISONS 1/

PRODUCT NAME	JULY				AUGUST				SEPTEMBER			
	SALES	BF. CON- TENT	CHANGE 1978		SALES	BF. CON- TENT	CHANGE 1978		SALES	BF. CON- TENT	CHANGE 1978	
			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE
MIL.-LB.	PERCENT			MIL.-LB.	PERCENT			MIL.-LB.	PERCENT			
FLUID WHOLE MILK PRODUCTS *	1,667	3.32	- 2.3	- 1.9	1,770	3.31	- 2.9	- 2.0	1,835	3.32	- 3.3	- 2.2
WHOLE MILK	1,624	3.32	- 2.2	- 1.7	1,718	3.31	- 2.8	- 1.8	1,754	3.32	- 3.0	- 2.0
FLAVORED WHOLE MILK PRODUCTS	44	3.34	- 6.3	- 7.0	52	3.34	- 7.5	- 7.1	84	3.31	- 9.9	- 7.5
FLUID LOWFAT AND SKIM MILK PRODUCTS *	993	1.50	2.5	5.1	1,065	1.51	2.8	4.8	1,166	1.51	3.4	4.7
2% LOWFAT MILK PRODUCTS 2/												
2% LOWFAT MILK - PLAIN	536	1.80	8.0	10.9	585	1.80	12.1	11.0	622	1.81	11.2	11.1
2% LOWFAT MILK - MILK SOLIDS ADDED	243	1.57	- 1.8	- 1.2	247	1.56	- 9.2	- 2.2	251	1.57	- 7.7	- 2.9
SKIM MILK PRODUCTS												
SKIM MILK - PLAIN	67	.28	15.0	7.8	69	.24	13.2	8.4	74	.26	16.3	9.4
SKIM MILK - MILK SOLIDS ADDED	54	.27	- 20.2	- 9.4	58	.29	- 20.9	- 10.9	62	.29	- 17.8	- 11.7
FLAVORED LOWFAT AND SKIM MILK PRODS	38	1.40	- 9.8	3.7	51	1.42	- .6	3.3	103	1.41	.5	2.9
BUTTERMILK	55	1.04	- 2.8	- 1.6	56	1.17	- 2.9	- 1.7	54	1.05	- 2.3	- 1.8
TOTAL	2,660	2.64	- .6	.6	2,835	2.63	- .8	.5	3,004	2.62	- .8	.3
TOTAL ADJUSTED FOR CALENDAR COMPOSITION 3/	2,704	---	.5	.7	2,814	---	.7	.5	2,956	---	.9	.3

\* MAY INCLUDE SMALL AMOUNTS OF MISCELLANEOUS WHOLE MILK AND LOWFAT AND SKIM MILK PRODUCTS.

1/ SEE TABLE 8 FOR 46 MARKETS INCLUDED. EXCLUDES THE NEW YORK-NEW JERSEY MARKET.

2/ INCLUDES 1% LOWFAT MILK PRODUCTS.

3/ FIGURES ARE ADJUSTED TO ELIMINATE VARIATIONS DUE TO CALENDAR COMPOSITION. SEE SPECIAL ARTICLE IN FMCS-221 JULY 1978.



TABLE 10.—PACKAGED SALES OF WHOLE MILK ITEMS, LOWFAT AND SKIM MILK ITEMS, MILK AND CREAM MIXTURES, CREAM ITEMS, AND TOTAL FLUID ITEMS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, SEPTEMBER 1978, WITH COMPARISONS 1/

REGION 2/	WHOLE MILK ITEMS 3/				LOWFAT AND SKIM MILK ITEMS 4/				MILK AND CREAM MIXTURES				CREAM ITEMS 5/				TOTAL FLUID ITEMS 6/			
	SALES	BF. CON- TENT	CHANGE 1978 FROM 1977 7/	PERCENT	SALES	BF. CON- TENT	CHANGE 1978 FROM 1977 7/	PERCENT	SALES	BF. CON- TENT	CHANGE 1978 FROM 1977 7/	PERCENT	SALES	BF. CON- TENT	CHANGE 1978 FROM 1977 7/	PERCENT	SALES	BF. CON- TENT	CHANGE 1978 FROM 1977 7/	PERCENT
	MIL. LB.				MIL. LB.				MIL. LB.				MIL. LB.				MIL. LB.			
NEW ENGLAND	192	3.35	- 2.3		56	.98	3.2		2.9	10.8	12.3		4.0	22.4	.4		257	3.22	- 1.2	
MIDDLE ATLANTIC	168	3.29	- 15.1		76	1.30	- 5.1		1.7	11.0	- 8.0		1.2	24.1	13.0		248	2.83	- 12.2	
SOUTH ATLANTIC	178	3.29	1.4		82	1.23	2.7		1.6	10.7	- 13.6		1.0	21.6	- 6.4		263	2.76	1.5	
EAST NORTH CENTRAL	610	3.27	- 4.6		434	1.58	4.8		9.9	10.8	- 1.7		9.3	17.8	- 5.8		1,068	2.77	- 1.0	
WEST NORTH CENTRAL	184	3.30	- 3.7		244	1.56	3.1		4.3	10.9	- 7.4		3.5	22.5	- 6.5		438	2.55	- .2	
EAST SOUTH CENTRAL	84	3.34	- .2		50	1.49	7.0		0.3	11.8	- 70.0		0.4	20.8	- 47.5		136	2.73	1.4	
WEST SOUTH CENTRAL	341	3.39	- .9		101	1.34	.0		2.1	11.0	- 15.1		2.2	20.9	- 14.9		448	3.04	- .9	
MOUNTAIN	103	3.36	.9		81	1.70	3.0		2.1	10.9	6.0		1.9	22.0	6.4		190	2.90	1.9	
PACIFIC	60	3.33	- 1.4		86	1.81	3.8		2.0	11.2	1.4		1.5	24.8	5.0		151	2.76	1.9	
TOTAL OF REGIONS	1,920	3.32	- 3.6		1,210	1.51	3.1		26.8	10.9	- 5.3		25.0	20.7	- 5.0		3,198	2.82	- 1.3	

1/ TOTAL PACKAGED DISPOSITION, IN AND OUT OF THE MARKETING AREA, BY REGULATED HANDLERS.

2/ SEE PAGE 7 FOR MARKETS INCLUDED IN EACH REGION. MIDDLE ATLANTIC EXCLUDES NEW YORK-NEW JERSEY. THIS MARKET IS ALSO EXCLUDED FROM THE TOTAL.

3/ PLAIN AND FLAVORED WHOLE MILK.

4/ PLAIN, FORTIFIED, AND FLAVORED SKIM AND LOWFAT MILK, AND BUTTERMILK.

5/ LIGHT, HEAVY, AND SOUR CREAM, AND CREAM OIPS.

6/ INCLUDES YOGURT AND ECGNOG.

7/ PERCENTAGE CHANGES OVER THE PREVIOUS YEAR ARE BASED ON THE SAME NUMBER OF COMPARABLE MARKETS.



TABLE 11.—PACKAGED SALES OF MILK AND CREAM MIXTURES, CREAM PRODUCTS, YOGURT, AND EGGNOG BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, JANUARY 1978 TO DATE, WITH COMPARISONS 1/

PRODUCT NAME	JANUARY				FEBRUARY				MARCH			
	SALES	8F. CCN- TENT	CHANGE 1978 FROM 1977 2/		SALES	8F. CCN- TENT	CHANGE 1978 FROM 1977 2/		SALES	8F. CCN- TENT	CHANGE 1978 FROM 1977 2/	
			MONTH	YEAR TC DATE			MONTH	YEAR TC DATE			MONTH	YEAR TC DATE
	1,000 LB.		PERCENT			1,000 LB.	PERCENT			1,000 LB.	PERCENT	
MILK AND CREAM MIXTURES	26,153	11.2	- 2.6 - 2.6	2.6	24,728	10.9	- 5.5 - 4.0	4.0	28,164	10.8	- 2.1 - 3.4	
TOTAL CREAM PRODUCTS	22,641	20.3	- 3.9 - 3.9	3.9	23,998	20.7	2.3 - .8	.8	30,102	21.1	8.0 2.5	
LIGHT CREAM	4,177	18.4	- .1 - .1	.1	4,152	19.4	18.9 8.5	8.5	5,071	19.0	10.9 9.4	
HEAVY CREAM	3,928	34.7	- 21.0 - 21.0	21.0	4,623	34.8	- 9.1 - 15.0	15.0	6,623	34.6	11.9 - 5.0	
SOUR CREAM	14,536	16.9	.9 .9	.9	15,223	16.8	2.3 1.6	1.6	18,408	16.8	5.9 3.2	
YOGURT	15,473	1.9	---	---	14,994	1.6	---	---	19,467	1.8	---	---
EGGNOG	471	27.3	---	---	33	7.4	---	---	969	6.9	---	---
PRODUCT NAME	APRIL				MAY				JUNE			
MILK AND CREAM MIXTURES	25,850	10.9	- 7.5 - 4.4	4.4	27,780	10.8	- .5 - 3.6	3.6	27,485	10.8	- 3.0 - 3.5	
TOTAL CREAM PRODUCTS	24,626	21.1	- 12.9 - 1.7	1.7	29,259	21.3	4.1 - .5	.5	28,253	21.1	- 2.2 - .8	
LIGHT CREAM	4,446	18.5	.0 6.9	6.9	4,925	19.3	3.4 6.1	6.1	4,660	19.0	- 3.6 4.3	
HEAVY CREAM	5,137	34.8	- 23.7 - 10.5	10.5	6,620	34.6	1.6 - 7.8	7.8	6,390	34.1	- 1.1 - 6.6	
SOUR CREAM	15,043	17.2	- 12.0 - .9	.9	17,710	16.9	5.2 .4	.4	17,203	16.9	- 2.2 - .1	
YOGURT	18,669	1.9	---	---	19,507	1.8	---	---	17,539	1.9	---	---
EGGNOG	11	5.6	---	---	10	6.1	---	---	10	5.6	---	---
CONTINUED												

CONTINUED

TABLE 11.—PACKAGED SALES OF MILK AND CREAM MIXTURES, CREAM PRODUCTS, YOGURT, AND EGGNOG BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, JANUARY 1978 TO DATE, WITH COMPARISONS 1/-CONT.

PRODUCT NAME	JULY				AUGUST				SEPTEMBER							
	SALES	BF. CCN- TENT	CHANGE 1978 FROM 1977 2/			SALES	BF. CCN- TENT	CHANGE 1978 FROM 1977 2/			SALES	BF. CCN- TENT	CHANGE 1978 FROM 1977 2/			
			MONTH	YEAR	DATE			MONTH	YEAR	DATE			MONTH	YEAR	DATE	
1,000 LB.	10.9	- 3.5	- 3.5		28,063	10.8	- 5.1	- 3.7		26,822	10.5	- 5.3	- 3.9			
PERCENT																
1,000 LB.																
MILK AND CREAM MIXTURES	27,386	10.9	- 3.5	- 3.5		28,063	10.8	- 5.1	- 3.7		26,822	10.5	- 5.3	- 3.9		
TOTAL CREAM PRODUCTS	27,089	21.1	- 2.2	- 1.0		27,686	20.7	- 4.4	- 1.5		24,984	20.7	- 5.0	- 1.8		
LIGHT CREAM	4,608	18.9	2.2	4.0		4,624	18.5	- 6.4	2.6		4,400	18.3	- 2.5	2.0		
HEAVY CREAM	5,850	34.3	- 6.0	- 6.5		5,448	34.7	- 5.6	- 6.4		4,760	34.8	- 6.0	- 6.4		
SOUR CREAM	16,630	17.1	- 2.0	- .3		17,614	17.0	- 3.5	- .8		15,824	17.1	- 5.3	- 1.3		
YOGURT	16,500	1.9	---	---		17,689	1.8	---	---		15,456	1.5	---	---		
EGGNOC	3/	8.2	---	---		20	11.0	---	---		41	10.4	---	---		

1/ TOTAL PACKAGED DISPOSITION IN AND OUT OF THE MARKETING AREA BY REGULATED HANDLERS. EXCLUDES THE NEW YCRK-NEW JERSEY MARKET.

2/ PERCENTAGE CHANGES OVER THE PREVIOUS YEAR ARE BASED ON THE SAME NUMBER OF COMPARABLE MARKETS. DUE TO A CHANGE IN THE REPORTING OF THESE

PRODUCTS BETWEEN 1977 and 1978, THESE PERCENTAGE CHANGES MAY BE SOMEWHAT OVERSTATED.

3/ LESS THAN 500 POUNDS.

TABLE 12.—MILK, SKIM MILK, AND CREAM UTILIZED IN THE MANUFACTURE OF DAIRY PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, SEPTEMBER 1977 1/

REGION 2/	BUTTER	CHEESE	FROZEN DESSERTS	COTTAGE CHEESE	SKIM MILK POWDER	CONDENSED MILK 3/	CLASS 11/111 MILK SOLIDS USED TO FORTIFY CLASS 1	OTHER FACTORY PRODUCTS AND USES 4/	TOTAL
MILK, SKIM MILK, AND CREAM POUNDS 1,000 LBS.									
NEW ENGLAND AND MIDDLE ATLANTIC	9,438	98,134	39,944	37,293	71,620	59,045	3,372	28,650	347,455
SOUTH ATLANTIC	1,432	3,910	10,554	852	0	1,521	3,131	5,171	30,611
EAST NORTH CENTRAL	30,815	484,376	81,190	123,958	131,256	116,284	14,193	81,965	1,064,039
WEST NORTH CENTRAL	25,463	322,521	32,504	42,913	181,725	13,361	2,525	18,426	635,438
EAST SOUTH CENTRAL	849	8,625	10,319	4,846	2,644	2,936	800	5,443	36,461
WEST SOUTH CENTRAL	1,875	17,368	25,792	21,265	1,219	12,585	5,458	22,522	108,084
MOUNTAIN	1,741	26,980	16,612	22,135	4,631	275	2,831	5,406	80,611
PACIFIC	8,491	49,349	13,397	18,280	49,715	3,407	690	3,666	146,993
TOTAL OF REGIONS 5/	80,103	1,011,263	230,351	271,544	442,809	209,413	32,999	175,251	2,453,733
BUTTERFAT POUNDS 1,000 LBS.									
NEW ENGLAND AND MIDDLE ATLANTIC	3,264	3,531	6,298	396	54	730	0	1,511	15,784
SOUTH ATLANTIC	539	173	1,919	9	0	11	0	554	3,246
EAST NORTH CENTRAL	12,974	19,027	9,060	1,332	215	1,069	1	2,685	46,364
WEST NORTH CENTRAL	10,515	12,113	3,389	442	102	130	0	792	27,483
EAST SOUTH CENTRAL	318	434	968	42	0	105	0	231	2,098
WEST SOUTH CENTRAL	576	534	2,978	213	1	245	0	1,046	5,593
MOUNTAIN	628	953	1,454	184	2	10	0	204	3,436
PACIFIC	3,210	1,886	1,067	162	31	152	0	188	6,695
TOTAL OF REGIONS 5/	32,024	38,651	27,133	2,782	405	2,452	1	7,250	110,698

1/ INCLUDES PRODUCER MILK AND SOME OTHER SOURCE MILK USED TO PRODUCE MANUFACTURED DAIRY PRODUCTS IN REGULATED PCCL PLANTS AS WELL AS MILK DIVERTED AND SHIPPED TO NON-ORDER PLANTS FOR PROCESSING. SOME DATA ARE PARTIALLY ESTIMATED.

2/ SEE PAGE 7 FOR MARKETS INCLUDED IN EACH REGION. MIDDLE ATLANTIC EXCLUDES NEW YORK-NEW JERSEY. THIS MARKET IS ALSO EXCLUDED FROM THE TOTAL.

3/ INCLUDES CONDENSED SKIM MILK AND CONDENSED WHOLE MILK.

4/ OTHER FACTORY PRODUCTS INCLUDE EVAPORATED WHOLE MILK, MILK, SKIM MILK, AND CREAM USED IN FOOD PRODUCTS, WHOLE MILK POWDER, AND ABRATED, FROZEN AND PLASTIC CREAM. OTHER USES INCLUDE MILK, SKIM MILK, AND CREAM USED FOR ANIMAL FEED, UNIDENTIFIED PRODUCTS, DUMPED OR SPILLED, AND PLANT LOSS.

5/ TOTALS MAY NOT ADD DUE TO ROUNDING

TABLE 13. MILK, SKIM MILK, AND CREAM UTILIZED IN THE MANUFACTURE OF DAIRY PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, SEPTEMBER 1978 1/

REGION 2/	BUTTER	CHEESE	FRCZEN DESSERTS	COTTAGE CHEESE	SKIM MILK PCWOER	CONDENSED MILK 3/	CLASS II/IIII MILK SOLIDS USED TO FORTIFY CLASS I	OTHER FACTORY PRODUCTS AND USES 4/	TOTAL
MILK, SKIM MILK, AND CREAM POUNDS 1,000 LBS.									
NEW ENGLAND AND MIDDLE ATLANTIC	7,601	112,530	39,517	33,793	45,440	66,645	2,321	23,125	330,973
SOUTH ATLANTIC	825	4,470	5,862	299	466	1,068	2,526	7,775	27,295
EAST NORTH CENTRAL	25,204	550,756	78,309	122,317	109,839	104,334	6,987	73,291	1,071,038
WEST NORTH CENTRAL	22,565	362,408	33,755	42,516	154,145	19,376	1,846	23,297	659,918
EAST SOUTH CENTRAL	880	8,973	10,504	4,628	1,302	3,037	677	6,344	36,343
WEST SOUTH CENTRAL	1,822	12,235	22,402	22,328	6,782	10,446	5,086	16,718	97,819
MOUNTAIN	1,673	32,579	15,757	20,643	3,059	6,010	2,604	5,621	87,946
PACIFIC	8,261	57,238	12,305	19,110	42,783	4,937	661	4,335	149,631
TOTAL OF REGIONS 5/	68,832	1,141,189	222,416	265,634	363,821	215,854	22,707	160,511	2,460,963
BUTTERFAT POUNDS 1,000 LBS.									
NEW ENGLAND AND MIDDLE ATLANTIC	2,118	3,812	6,234	374	47	967	0	1,247	14,797
SOUTH ATLANTIC	287	154	1,874	7	0	14	0	338	2,674
EAST NORTH CENTRAL	10,151	21,189	9,321	1,195	133	981	0	2,947	45,918
WEST NORTH CENTRAL	5,283	13,064	3,448	464	84	116	0	1,005	27,464
EAST SOUTH CENTRAL	347	318	1,349	47	0	107	0	256	2,425
WEST SOUTH CENTRAL	745	377	2,864	234	5	238	0	645	5,108
MOUNTAIN	605	1,201	1,359	172	2	84	0	238	3,660
PACIFIC	2,900	2,257	1,117	174	38	138	0	228	6,853
TOTAL OF REGIONS 5/	26,436	42,372	27,565	2,668	309	2,645	0	6,905	108,900

1/ INCLUDES PRODUCER MILK AND SOME OTHER SOURCE MILK USED TO PRODUCE MANUFACTURED DAIRY PRODUCTS IN REGULATED POOL PLANTS AS WELL AS MILK DIVERTED AND SHIPPED TO NON-ORDER PLANTS FOR PROCESSING. SOME DATA ARE PARTIALLY ESTIMATED.

2/ SEE PAGE 7 FOR MARKETS INCLUDED IN EACH REGION. MIDDLE ATLANTIC EXCLUDES NEW YORK-NEW JERSEY. THIS MARKET IS ALSO EXCLUDED FROM THE TOTAL.

3/ INCLUDES CONDENSED SKIM MILK AND CONDENSED WHOLE MILK.

4/ OTHER FACTORY PRODUCTS INCLUDE EVAPORATED WHOLE MILK, MILK, SKIM MILK, AND CREAM USED IN FOOD PRODUCTS, WHOLE MILK POWDER, AND AERATED, FROZEN AND PLASTIC CREAM. OTHER USES INCLUDE MILK, SKIM MILK, AND CREAM USED FOR ANIMAL FEED, UNIDENTIFIED PRODUCTS, DUMPED OR SPILLED, AND PLANT LOSS.

5/ TOTALS MAY NOT ADD DUE TO ROUNDING

Table 14.--Percentage of whole milk equivalent used in the production of manufactured dairy products, in Federal order markets, January 1978 to date, with comparisons 1/

Manufactured dairy products	January		February		March		April		May		June	
	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977
	Percent											
Butter	35.8	35.8	34.0	34.2	31.5	30.8	30.3	30.2	29.1	29.1	25.2	27.2
Cheese	36.5	35.7	37.4	35.7	38.3	36.5	40.2	39.2	40.5	39.3	40.9	38.4
Frozen desserts	16.3	17.2	18.4	18.8	19.0	21.2	20.2	19.8	20.7	20.5	23.3	23.1
Cottage cheese	1.9	2.1	2.0	2.3	2.1	2.4	1.9	2.2	1.9	2.3	2.1	2.4
All other 2/	9.5	9.2	8.2	9.0	9.1	9.1	7.4	8.6	7.8	8.8	8.5	8.9
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Manufactured dairy products	July		August		September		October		November		December	
	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977
	Percent											
Butter	23.0	25.5	21.5	25.3	24.3	28.9						
Cheese	41.1	38.7	39.1	35.5	38.9	34.9						
Frozen desserts	24.4	24.5	27.6	27.4	25.3	24.5						
Cottage cheese	2.1	2.4	2.3	2.5	2.4	2.5						
All other 2/	9.4	8.9	9.5	9.3	9.1	9.2						
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1/ Data represent whole milk equivalent based on milkfat content. Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to nonorder plants for processing. Some of the data are partially estimated. Excludes New York-New Jersey.

2/ Milk, skim milk and cream used in other manufactured products, i.e. evaporated milk, condensed milk, whole and skim milk powder, aerated, frozen and plastic cream; and cream and cheese dips; and milk, skim milk, and cream used in food products as well as used in animal feed, dumped or spilled, plant loss and unidentified.





Table 17.—Dairy product prices and manufacturing milk prices January 1978 to date with comparisons

Month	Dairy product market prices									
	BUTTER 1/		CHEDDAR CHEESE 1/		NONFAT DRY MILK 2/		DRIED WHEY,		EDIBLE 1/	
	Chicago	New York	Wis. assembling points	Chicago area	Chicago area	Chicago area	Central States	Central States	Production Area	Production Area
	Grade A	Grade AA	Barrel	Blocks	Spray process	Spray process	Nonhygro/Hygro 3/	Nonhygro/Hygro 3/	Nonhygro/Hygro 3/	Nonhygro/Hygro 3/
1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1977
Cents per pound										
January	100.71	90.82	104.88	94.00	93.09	84.01	100.08	92.62	62.53	17.54
February	100.71	90.82	104.42	94.00	95.80	84.76	100.84	92.62	62.50	16.09
March	101.15	92.68	107.55	97.01	97.00	88.51	101.38	93.80	62.45	14.13
April	105.20	100.06	109.94	103.83	98.25	93.38	102.62	97.89	64.75	11.28
May	106.71	100.71	110.35	103.75	98.25	92.67	102.62	97.86	67.66	8.38
June	106.71	100.71	111.62	103.75	98.25	89.76	102.62	97.42	70.71	12.40
July	107.94	100.71	113.38	103.75	98.56	92.34	102.92	97.12	70.56	13.08
August	116.71	100.71	122.15	103.85	105.01	93.00	109.08	97.12	71.29	13.40
September	115.81	100.72	122.88	105.46	106.50	94.45	110.75	98.29	72.33	13.53
October	115.64	100.73	123.44	106.97	111.01	94.13	115.52	98.26	73.61	13.41
November	100.89	100.89	106.26	106.26	106.26	93.79	98.82	98.82	67.96	17.78
December	101.54	101.54	107.44	107.44	107.44	95.02	100.12	100.12	67.94	18.21
Average	98.42	98.42	102.51	102.51	102.51	91.32	96.83	96.83	66.22	11.62

Month	Prices paid for manufacturing grade milk, 3.5% butterfat content									
	Minn.-Wis. Manuf.		Butter powder		"Snubber" 5/		1977		1977	
	grade milk 4/	grade milk 4/	grade milk 4/	grade milk 4/	grade milk 4/	grade milk 4/	grade milk 4/	grade milk 4/	grade milk 4/	grade milk 4/
	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977
Dollars per 100 lb.										
January	8.91	8.19	9.33	8.46	9.33	8.46	9.33	8.46	9.33	8.46
February	9.00	8.16	9.31	8.46	9.31	8.46	9.31	8.46	9.31	8.46
March	9.09	8.31	9.34	8.53	9.34	8.53	9.34	8.53	9.34	8.53
April	9.24	8.60	9.65	9.03	9.65	9.03	9.65	9.03	9.65	9.03
May	9.25	8.62	9.80	9.30	9.80	9.30	9.80	9.30	9.80	9.30
June	9.26	8.60	9.80	9.30	9.80	9.30	9.80	9.30	9.80	9.30
July	9.33	8.65	9.84	9.31	9.84	9.31	9.84	9.31	9.84	9.31
August	9.68	8.64	10.27	9.31	10.27	9.31	10.27	9.31	10.27	9.31
September	9.90	8.74	10.32	9.32	10.32	9.32	10.32	9.32	10.32	9.32
October	10.18	8.74	10.41	9.31	10.41	9.31	10.41	9.31	10.41	9.31
November		8.79		9.33		9.33		9.33		9.33
December		8.87		9.36		9.36		9.36		9.36

1/ "Dairy Market News," AMS. 2/ 26th of preceding month through 25th of current month, as reported by ESOS. 3/ Simple average of hygroscopic and nonhygroscopic. 4/ Average price reported paid to producers for manufacturing grade milk, f.o.b. plants in Minnesota-Wisconsin as reported by ESOS. 5/ 3.5 percent price converted by using Chicago Grade A butter price times 0.120. 5/ (Chicago Grade A butter price times 4.2) plus (nonfat dry milk, spray, Chicago area plant price times 8.2) less 48 cents.

Table 18.—U.S. milk prices, U.S. milk feed ratio, and general price measures, January 1978 to date

Month	U.S. milk prices										U.S. milk prices, 3.5 percent butterfat basis 1/										U.S.														
	All milk					Manufacturing					Milk eligible for fluid					Paid farmers for milk used in:					milk-feed		ratio 2/ 4/												
	wholesale 2/					grade milk 2/					for fluid					Evaporated					price														
	1978**					1978**					market 2/					2/					milk 3/														
	Parity:	Price:	Per-	cent	% of	Parity:	Price:	Per-	cent	% of	Parity:	Price:	Per-	cent	% of	Parity:	Price:	Per-	cent	% of	Parity:	Price:	Per-	cent	% of	Parity:	Price:	Per-	cent	% of	Parity:	Price:	Per-	cent	% of
	price:	at	of	fat	price:	price:	at	of	fat	price:	price:	at	of	fat	price:	price:	at	of	fat	price:	price:	at	of	fat	price:	price:	at	of	fat	price:	price:	at	of	fat	price:
	5/	test	ity	6/	alent	test	test	equiv.	7/	test	test	test	equiv.	7/	test	test	equiv.	7/	test	test	equiv.	7/	test	test	equiv.	7/	test	test	equiv.	7/	test	test	equiv.	7/	test
	Dollars per 100 pounds																																		
Jan.	13.40	10.20	73	11.47	9.12	3.78	78.4	9.84	9.29	10.14	9.54	8.78	8.15	8.77	8.03	8.82	8.16	8.50	8.07	8.16	8.50	8.07	8.16	8.50	8.07	8.16	8.50	8.07	8.16	8.50	8.07	8.16	8.50	1.51	
Feb.	13.60	10.20	72	11.64	9.18	3.74	78.2	9.89	9.25	10.17	9.50	8.89	8.16	8.84	8.02	8.91	8.16	8.64	8.09	8.16	8.64	8.09	8.16	8.64	8.09	8.16	8.64	8.09	8.16	8.64	8.09	8.16	8.64	1.46	
Mar.	13.80	10.20	73	11.81	9.23	3.70	77.8	9.93	9.24	10.12	9.46	8.99	8.27	8.95	8.12	9.04	8.29	8.73	8.18	8.29	8.73	8.18	8.29	8.73	8.18	8.29	8.73	8.18	8.29	8.73	8.18	8.29	8.73	1.45	
Apr.	14.00	10.10	74	11.98	9.28	3.65	77.7	9.91	9.30	10.11	9.49	9.09	8.52	9.08	8.50	9.15	8.57	8.88	8.35	8.57	8.88	8.35	8.57	8.88	8.35	8.57	8.88	8.35	8.57	8.88	8.35	8.57	8.88	1.42	
May	14.10	10.00	74	12.07	9.27	3.60	77.5	9.97	9.30	10.07	9.48	9.14	8.55	9.11	8.56	9.18	8.58	8.88	8.39	8.58	8.88	8.39	8.58	8.88	8.39	8.58	8.88	8.39	8.58	8.88	8.39	8.58	8.88	1.40	
June	14.20	10.00	76	12.16	9.23	3.54	77.3	9.95	9.38	10.16	9.59	9.18	8.54	9.10	8.56	9.23	8.53	8.94	8.40	8.53	8.94	8.40	8.53	8.94	8.40	8.53	8.94	8.40	8.53	8.94	8.40	8.53	8.94	1.43	
July	14.20	10.10	75	12.16	9.26	3.53	77.6	10.09	9.50	10.29	9.73	9.22	8.56	9.24	8.55	9.27	8.58	8.93	8.41	8.55	9.27	8.58	8.93	8.41	8.55	9.27	8.58	8.93	8.41	8.55	9.27	8.58	8.93	1.52	
Aug.	14.20	10.50	75	12.16	9.58	3.55	80.2	10.46	9.65	10.67	9.90	9.51	8.59	9.48	8.58	9.54	8.62	9.08	8.43	8.58	9.54	8.62	9.08	8.43	8.58	9.54	8.62	9.08	8.43	8.58	9.54	8.62	9.08	1.65	
Sept.	14.40	10.90	75	12.33	9.92	3.63	80.9	10.77	9.84	10.99	10.08	9.74	8.66	9.72	8.63	9.80	8.69	9.33	8.43	8.63	9.80	8.69	9.33	8.43	8.63	9.80	8.69	9.33	8.43	8.63	9.80	8.69	9.33	1.76	
Oct.	14.50	11.30	75	12.41	10.50	3.76	83.6	10.99	9.82	11.21	10.13	10.14	8.68	9.98	8.67	10.21	8.73	9.55	8.41	8.73	9.55	8.41	8.73	9.55	8.41	8.73	9.55	8.41	8.73	9.55	8.41	8.73	9.55	1.79	
Nov.									9.87		10.19		8.73		8.69		8.79				8.79												1.76		
Dec.									9.83		10.04		8.80		8.76		8.86				8.86												1.72		
Si. av.									9.54		9.78		8.51		8.46		8.54				8.54												1.57		

Dollars per 100 pounds

Month	General price measures																Price indexes																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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	All farm products								Livestock & products								ratio				All				Dairy products				All items				All food				Dairy products																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978

Indexes 1967=100

January	209	198	186	183	185	170	203	192	89	92	199.9	188.0	178.0	166.8	187.2	175.3	199.2	183.4	177.7	171.3
February	211	200	193	186	196	174	203	190	91	93	202.0	190.0	178.7	166.9	188.4	177.1	202.0	187.7	178.8	171.1
March	214	202	200	190	204	171	203	187	93	94	203.8	191.9	180.3	168.1	189.8	178.2	204.2	188.6	179.3	171.2
April	216	204	208	191	209	172	201	187	96	94	206.4	194.3	184.5	173.6	191.5	179.6	207.5	190.9	181.6	171.4
May	219	204	215	193	217	176	199	185	98	95	207.9	195.2	184.5	174.2	193.3	180.6	210.3	191.7	183.5	173.1
June	220	204	217	184	219	173	199	186	99	90	209.4	194.4	185.4	174.3	195.3	181.8	213.8	193.6	184.8	174.3
July	220	203	215	180	217	179	201	189	98	89	210.6	194.9	186.1	175.1	196.7	182.6	215.0	194.6	185.3	174.1
August	220	201	175	217	217	177	208	193	95	87	210.4	194.6	190.8	177.4	197.8	183.3	215.4	195.2	186.1	175.1
September	223	201	174	226	217	177	217	199	96	87	212.3	195.3	192.9	175.7	199.3	184.0	215.6	194.5	188.8	175.4
October	224	201	178	232	217	177	224	203	97	89	215.0	196.3	197.0	174.9	200.9	184.5	216.8	194.4	191.1	176.2
November	202	202	179	181	179	174	203	203	89	89	197.0	197.0	175.7	175.7	197.0	185.4	216.8	195.6	195.6	176.5
December	203	202	180	181	180	174	203	205	89	89	198.2	198.2	178.2	178.2	198.2	186.1	216.8	196.3	196.3	176.9
Average	202	202	183	183	175	175	203	193	91	91	194.2	194.2	173.4	173.4	194.2	181.5	216.8	192.2	192.2	173.9

\* Preliminary. \*\* Based on partially revised data. 1/ Converted by using Chicago Grade A butter times 0.120. 2/ "Agricultural Prices," ESOS.

3/ "Dairy Products," ESOS. 4/ Pounds of concentrate ration equal in value to one pound of milk sold to plants. 5/ Parity prices shown are based on data for the current month. 6/ Seasonally adjusted. 7/ Price at test adjusted to a 3.67 percent fat test by using Chicago Grade A butter price times 0.120 as a percentage of parity price equivalent. 8/ "Wholesale Prices and Price Index," BIS. 9/ "Consumer Price Index," BIS. The data for 1978 represent the new index for all urban consumers. This index was not available in 1977. 10/ For commodities and services, interest, taxes, and wage rates. 11/ Ratio of the Index of Prices received by farmers, all farm products, to the Index of Prices Paid, Interest, Taxes, and Farm Wage Rates.

Table 19.—Consumer Price Index for all Urban Consumers: Selected dairy products,  
United States city average, 1978 <sup>1/</sup>

Month	Fresh whole milk		Butter		Cheese		Ice cream and related products	
	Percent		Percent		Percent		Percent	
	change		change		change		change	
	Index <sup>2/</sup>	from 1977	Index <sup>2/</sup>	from 1977	Index <sup>3/</sup>	from 1977	Index <sup>2/</sup>	from 1977
January	164.8	1.9	169.6	10.1	100.5	—	99.4	—
February	165.5	2.4	169.3	9.8	101.2	—	100.7	—
March	166.3	3.0	170.3	9.9	101.3	—	100.9	—
April	168.3	4.3	173.3	10.4	102.5	—	102.1	—
May	170.1	5.3	174.4	7.2	103.2	—	104.7	—
June	171.4	5.5	175.8	7.3	104.0	—	104.9	—
July	171.7	6.3	176.5	7.6	104.4	—	104.8	—
August	172.1	5.6	180.7	9.9	104.8	—	105.5	—
September	174.2	7.1	187.0	13.1	106.7	—	106.4	—
October	176.5	8.0	189.3	14.2	107.8	—	108.0	—
November								
December								

<sup>1/</sup> "CPI Detailed Report," Bureau of Labor Statistics, U.S. Department of Labor. The Consumer Price Index for All Urban Consumers (CPI-U) covers approximately 80 percent of the total noninstitutional civilian population of the United States and is based on data from 85 urban areas. <sup>2/</sup> The standard reference base period for these indexes is 1967=100. <sup>3/</sup> The standard reference base period for these indexes is December 1977=100. For this reason, percent changes from the previous year are not calculable.

Table 20.—Consumer Price Index for All Urban Consumers: Selected areas, all dairy products combined, 1978 <sup>1/</sup>

Area	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	(1967=100, unless otherwise noted)											
Anchorage, Alas. <sup>2/</sup>	—	179.9	180.4	181.6	182.8	182.5	182.8	183.8	185.6	186.0		
Atlanta, Ga.	197.5	198.4	201.7	206.5	212.7	210.5	211.2	212.1	212.7	214.4		
Baltimore, Md.	—	—	—	180.4	181.8	183.4	183.8	184.6	184.4	187.5		
Boston, Mass.	—	172.9	172.2	173.0	176.0	178.6	180.0	179.1	182.2	186.0		
Buffalo, N.Y.	—	—	175.7	178.4	178.8	179.7	181.7	183.6	183.9	186.5		
Chicago, Ill.—NW. Ind.	173.4	173.0	174.0	173.9	178.0	179.1	181.0	182.3	188.8	189.7		
Cincinnati, O.—Ky.—Ind.	—	—	—	186.6	190.2	191.6	190.0	190.8	192.3	201.7		
Cleveland, Ohio	—	—	190.3	192.3	198.2	199.6	198.7	193.8	210.6	202.4		
Dallas, Ft. Worth, Tex.	—	—	179.1	176.0	179.8	180.9	183.8	184.5	187.2	193.6		
Denver, Boulder, Col.	—	189.7	189.4	194.8	195.5	194.8	196.8	197.7	198.8	201.8		
Detroit, Mich.	176.0	177.8	177.3	184.5	186.9	186.9	186.8	186.6	194.4	199.5		
Honolulu, Hawaii	191.5	192.3	199.8	201.9	202.1	204.6	205.0	203.5	206.2	207.8		
Houston, Texas	—	—	—	—	200.1	201.0	199.9	200.4	203.0	204.4		
Kansas City, Mo.—Kans.	191.1	192.8	194.0	195.1	198.2	198.5	201.0	201.2	206.9	211.0		
LA-L. Beach, Ana., Ca.	165.5	164.6	164.8	166.7	168.2	170.9	169.6	171.7	172.7	172.9		
Miami, Fla. <sup>3/</sup>	100.9	100.5	101.1	101.1	103.2	102.6	103.3	105.6	107.5	108.6		
Milwaukee, Wis.	182.9	180.0	182.0	181.8	187.5	189.2	186.7	190.8	197.2	196.6		
Mpls.—St. Paul, Minn.—W.	—	—	—	—	195.0	197.6	200.5	200.7	203.8	212.0		
New York, N.Y.—NE N.J.	181.0	182.9	182.3	184.7	185.3	186.6	187.5	187.3	187.5	191.1		
Northeastern Pa.	174.3	175.1	175.0	175.8	175.9	178.7	181.3	182.5	183.3	186.4		
Philadelphia, Pa.—N.J.	184.6	185.4	186.9	187.5	189.8	191.6	189.7	190.1	193.7	194.5		
Pittsburgh, Pa.	—	—	—	—	177.2	177.5	177.3	175.5	178.9	186.2		
Portland, Oreg.—Wash.	—	161.8	162.8	165.6	166.8	167.1	166.1	167.9	169.6	172.8		
St. Louis, Mo.—Ill.	—	—	—	193.9	196.9	197.7	200.6	198.2	202.8	201.2		
San Diego, Calif.	166.1	166.9	166.8	167.2	168.1	170.8	171.8	171.7	173.9	173.6		
San Fran.—Oak., Calif.	169.8	170.4	171.4	173.0	173.7	173.2	173.5	175.1	176.6	177.0		
Seattle, Everett, Wash.	171.0	173.9	176.8	178.5	179.6	179.2	170.1	170.3	173.3	176.8		
Wash., D.C.—Md.—Va.	163.7	167.2	168.2	170.7	170.3	175.3	175.1	176.0	175.5	178.7		

<sup>1/</sup> "CPI Detailed Report," Bureau of Labor Statistics, U.S. Department of Labor. The Consumer Price Index for All Urban Consumers (CPI-U) covers approximately 80 percent of the total noninstitutional civilian population of the United States and is based on data from 85 urban areas. <sup>2/</sup> The standard reference base period for this area is October 1967=100. <sup>3/</sup> The standard reference base period for this area is November 1977 = 100.



Table 21.--U.S. production, January 1978 to date, with comparisons

Month	Milk <u>1/</u>		Butter <u>2/</u>		Total Cheese		Nonfat dry milk <u>2/</u>		Frozen desserts	
	1978*	1977**	1978*	1977**	1978*	1977**	1978*	1977**	1978*	1977**
	Bil. lb.		Mil. lb.		Mil. lb.		Mil. lb.		Mil. gals.	
Jan.	10.0	9.9	108.3	105.5	274.0	265.6	79.7	70.3	69.5	69.0
Feb.	9.3	9.3	95.7	95.4	260.6	252.5	70.6	71.7	75.5	75.3
Mar.	10.5	10.6	97.7	98.4	311.8	299.7	84.4	88.0	98.6	101.8
Apr.	10.7	10.7	98.5	99.9	306.2	304.6	96.4	105.9	95.2	98.0
May	11.2	11.4	96.7	103.2	328.7	326.0	103.0	119.8	108.2	106.1
June	10.9	11.0	84.7	93.0	332.9	315.9	113.5	130.2	126.0	123.2
July	10.6	10.7	73.7	81.8	297.0	280.1	98.2	123.2	119.4	118.9
Aug.	10.3	10.4	64.2	77.8	284.6	275.6	78.6	106.0	123.1	121.3
Sept.	9.7	9.9	64.5	75.0	264.9	251.7	59.1	77.6	103.1	102.1
Oct.	9.8	9.8	71.1	84.5	279.4	256.8	49.0	70.4	90.6	83.7
Nov.		9.4		81.5		247.7		65.1		76.4
Dec.		9.8		89.5		281.6		78.0		71.7
Year to date <u>3/</u>	103.1	123.0	855.1	1,085.6	2,940.2	3,357.9	832.5	1,106.0	1,009.3	1,147.4

\* Preliminary.

\*\* Partially revised.

1/ "Milk Production," ESCS.2/ "Dairy Products," ESCS. Frozen desserts include ice cream, ice milk, and sherbert.3/ May not add due to rounding.

Table 22.--Commercial and government storage holdings, January 1978 to date, with comparisons

Month	Storage Holdings <u>1/</u>											
	Butter <u>2/</u>				Total Cheese <u>2/</u>				Nonfat dry milk <u>2/</u>			
			Total <u>3/</u>				Total <u>3/</u>				Total <u>3/</u>	
	Commer-	Gov't			Commer-	Gov't			Commer-	Gov't		
	cial	1978*	1978*	1977**	cial	1978*	1978*	1977**	cial	1978*	1978*	1977**
Jan.	55.8	142.9	198.7	67.7	422.1	38.1	460.2	485.7	61.4	628.0	689.4	461.6
Feb.	57.6	158.4	215.9	94.2	405.6	37.0	442.6	471.2	55.2	626.2	681.4	469.5
Mar.	45.4	190.2	235.6	106.3	399.7	31.4	431.0	485.8	49.8	612.3	662.1	465.4
Apr.	49.0	196.6	245.6	128.2	421.9	26.3	448.2	510.3	79.1	607.4	686.5	520.9
May	52.3	212.3	264.6	163.8	440.6	21.7	462.3	557.2	86.8	600.9	687.7	538.8
June	40.3	240.6	280.9	197.1	480.1	21.0	501.1	583.7	94.7	607.0	701.6	579.2
July	42.0	270.6	312.7	209.0	480.8	20.8	501.6	592.9	95.0	618.7	713.6	619.5
Aug.	37.2	245.2	282.4	208.6	474.5	16.6	491.1	592.9	74.9	626.8	701.7	653.2
Sept.	28.1	238.5	266.6	203.3	461.7	14.1	475.8	553.9	64.1	617.4	681.5	685.9
Oct.	26.1	221.5	247.6	195.4	442.0	10.8	452.8	502.8	54.7	584.9	639.5	689.5
Nov.				193.4				479.8				673.9
Dec.				184.9				468.6				677.9

\* Preliminary.

\*\* Based on partially revised data.

1/ End of month.2/ "Cold Storage Reports," ESCS.3/ May not add due to rounding.4/ "Dairy Products," ESCS.5/ "Summary of Processed Commodities in store," ASCS.

Table 23.--U.S.D.A. purchases (Delivery basis), January 1978 to date with comparisons

Month	Butter 1/		American cheese		Nonfat dry milk		Milk equivalent of net U.S.D.A. purchases 2/	
	1978	1977	1978	1977	1978	1977	1978	1977
	<u>1,000 lb.</u>		<u>1,000 lb.</u>		<u>1,000 lb.</u>		<u>1,000 lb.</u>	
Jan.	25,994	32,412	1,446	17,849	29,059	32,801	554	846
Feb.	26,678	31,414	1,593	23,275	22,643	30,230	556	883
Mar.	2,128	11,599	244	17,755	12,086	12,853	43	416
Apr.	24,367	25,880	1,867	6,584	27,575	37,259	509	602
May	34,616	43,664	6,348	13,986	51,534	62,767	777	1,043
June	20,595	35,057	13,575	23,167	53,999	78,224	562	954
July	173	15,988	13,554	16,829	46,307	67,788	138	501
Aug.	0	13,318	5,712	23,999	18,839	62,697	- 86	518
Sept.	0	0	0	2,891	7,659	36,773	-127	32
Oct.	0	6,972	0	1,409	6,927	26,422	4	162
Nov.		5,448		380		22,047		119
Dec.		260		350		20,263		6
Year to date	134,551	222,011	3/44,339	4/148,474	276,628	490,124	5/ 2,930	6/ 6,082

1/ "Dairy Price Support Activity Report," ASCS.

2/ U.S.D.A. purchases (Delivery basis) of butter, cheese, and evaporated milk, minus U.S.D.A. domestic sales for unrestricted use of butter and cheese; includes purchases under price support, Section 709, Section 32, and Section 4A programs.

3/ Includes 10,787 thousand pounds purchased in 500-pounds barrels, and 30,474 thousand pounds purchased as processed cheese.

4/ Includes 21,905 thousand pounds purchased in 500-pounds barrels, and 68,779 thousand pounds purchased as processed cheese.

5/ Includes 318 million pounds (milk equivalent) of evaporated.

6/ Includes 342 million pounds (milk equivalent) of evaporated.



Fluid Milk Sales by Size and Type of Container  
and Distribution Method\*

Handlers regulated under Federal milk orders process approximately three-quarters of all the fluid milk products sold in the United States. During 1977, this volume was nearly 41 billion pounds, approximately 4.8 billion gallons. In general, the size and type of containers, and methods of distribution, wholesale and home-delivered, used to market this production would be representative of the entire country.

To obtain this information, a survey was made of fluid milk sales under 47 Federal milk marketing areas during November 1977. <sup>1/</sup> Although the data are based on November fluid milk sales, the relationships shown for sizes and types of containers would be representative in other months of the year. One exception would be sales in half-pint containers which would not be applicable to sales in a nonschool month.

Some highlights of this survey, with comparisons to previous years, are:

(1) The proportion of fluid milk product sales in paper containers continued to decrease. During November 1977, 58 percent of total sales were made in paper containers, 41 percent in plastic containers, and one percent in glass containers. The respective figures in November 1975 were 67 percent, 31 percent, and 2 percent. See table 1.

(2) Among the fluid milk product groups, 60 percent of lowfat and skim milk items were distributed in paper containers. This proportion for whole milk items was 57 percent. By way of contrast, more whole milk items were sold in plastic containers, 42 percent versus 39 percent for lowfat and skim milk items. See table 1.

(3) Gallon containers, the predominant size in which fluid milk products are sold, increased its share of the total. During November 1977, 49 percent of total sales were made in gallons, 29 percent in half-gallons, 11 percent in half-pints, six percent in quarts, with the remaining five percent in pints, bulk containers and other sizes. Between November 1975 and November 1977, sales of fluid milk in gallon containers increased six percentage points at the expense of half-gallons which decreased five points and quarts which were down one point. See table 2.

(4) Wholesale sales now account for 95 percent of total fluid milk sales; home-delivery accounts for five percent.

The Dairy Division plans to release a detailed report on this survey, including individual market data and individual product data in the near future. This report will be entitled, "Packaged Fluid Milk Sales in Federal Milk Order Markets By Size and Type of Containers, and Distribution Method, During November 1977."

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<sup>1/</sup> The Dairy Division has conducted a series of such surveys which provided information for November 1963 through 1967, 1969, 1971, 1973, and 1975. The survey conducted in November 1977 differs from these previous surveys. Under the current survey volume data on fluid milk sales by size and type of container were collected for whole milk items and lowfat and skim milk items only. Also, these data were not broken down by method of distribution. However, the detailed report will contain for fluid cream and other specialty products a listing of the containers in which the larger volumes of these products were sold, and for home-delivery and for several components of wholesale distribution, the relative sales volume in each method.

\*Prepared by John P. Rourke and Mary L. Rolark.

Table 1.--Percentage of whole milk items, and lowfat and skim milk items, sold by type of container, by handlers regulated in Federal milk order markets, November 1963-67, 1969, 1971, 1973, 1975, and 1977 1/

Year	: Number : : of : : mkts. <u>2/</u> :	: Glass : :	: Paper : :	: Plastic : :	: Other : : <u>3/</u> :	: Total :
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WHOLE MILK ITEMS 4/

1963	68	33	62	<u>5/</u>	5	100
1964	67	32	62	<u>3</u>	3	100
1965	68	29	64	5	2	100
1966	68	26	66	6	2	100
1967	71	21	70	8	1	100
1969 <u>6/</u>	66	13	75	11	1	100
1971 <u>6/</u>	61	7	77	16	*	100
1973 <u>6/</u>	61	4	70	26	*	100
1975 <u>6/</u>	56	3	66	31	*	100
1977 <u>6/</u>	47	1	57	42	*	100

LOWFAT AND SKIM MILK ITEMS 7/

1963	68	25	73	<u>5/</u>	2	100
1964	67	22	75	<u>1</u>	2	100
1965	68	22	75	2	1	100
1966	68	20	76	3	1	100
1967	71	16	79	4	1	100
1969 <u>6/</u>	66	10	82	7	1	100
1971 <u>6/</u>	61	6	83	11	*	100
1973 <u>6/</u>	61	4	74	22	*	100
1975 <u>6/</u>	56	2	69	29	*	100
1977 <u>6/</u>	47	1	60	39	*	100

TOTAL WHOLE MILK AND LOWFAT AND SKIM MILK ITEMS

1963	68	32	63	<u>5/</u>	5	100
1964	67	31	64	<u>2</u>	3	100
1965	68	29	65	4	2	100
1966	68	25	67	6	2	100
1967	71	20	71	8	1	100
1969 <u>6/</u>	66	12	76	11	1	100
1971 <u>6/</u>	61	7	78	15	*	100
1973 <u>6/</u>	61	4	71	25	*	100
1975 <u>6/</u>	56	2	67	31	*	100
1977 <u>6/</u>	47	1	58	41	*	100

\* Less than one-half of one percent.

1/ Based on total sales including both wholesale and home-delivered.

2/ Number of markets for which complete data were available.

3/ Percentages represent metal cans and plastic bag-in-box containers 1963, metal cans 1964-1977, and unidentified types in 1977.

4/ Whole milk items include plain and flavored whole milk.

5/ Data not available.

6/ Includes New York-New Jersey.

7/ Lowfat and skim milk items include plain, added solids, and flavored lowfat and skim milk, and buttermilk.

Table 2.--Percentage of whole milk items and lowfat and skim milk items sold by size of container, by handlers regulated in Federal milk order markets, November 1963-67, 1969, 1971, 1973, 1975, and 1977 <sup>1/</sup>

Year	: Number : : of : : mchts. : : 2/ :	: Gal. :	: ½-gal. :	: Quarts :	: Pints :	: ½-pt. :	: Other :	: Bulk <sup>3/</sup> : : 5-10 : Over : : qts. : 10 qts.:	: Total :
WHOLE MILK ITEMS <sup>4/</sup>									
1963	: 68 :	: 14 :	: 56 :	: 14 :	: 1 :	: 10 :	: * :	: ** : 5** :	: 100 :
1964	: 67 :	: 17 :	: 54 :	: 11 :	: 1 :	: 11 :	: * :	: 1 : 5 :	: 100 :
1965	: 68 :	: 18 :	: 53 :	: 11 :	: 1 :	: 11 :	: * :	: 1 : 5 :	: 100 :
1966	: 68 :	: 19 :	: 52 :	: 10 :	: 1 :	: 12 :	: * :	: 1 : 5 :	: 100 :
1967	: 71 :	: 20 :	: 52 :	: 8 :	: 1 :	: 12 :	: 1 :	: 1 : 5 :	: 100 :
1969 <sup>5/</sup>	: 66 :	: 23 :	: 45 :	: 12 :	: 1 :	: 12 :	: 1 :	: 1 : 5 :	: 100 :
1971 <sup>5/</sup>	: 61 :	: 30 :	: 41 :	: 10 :	: 1 :	: 13 :	: * :	: 1 : 4 :	: 100 :
1973 <sup>5/</sup>	: 61 :	: 37 :	: 36 :	: 8 :	: 1 :	: 12 :	: 1 :	: 1 : 4 :	: 100 :
1975 <sup>5/</sup>	: 56 :	: 43 :	: 33 :	: 7 :	: 1 :	: 11 :	: 1 :	: * : 4 :	: 100 :
1977 <sup>5/</sup>	: 47 :	: 48 :	: 28 :	: 6 :	: 2 :	: 12 :	: 1 :	: * : 3 :	: 100 :
LOWFAT AND SKIM MILK ITEMS <sup>6/</sup>									
1963	: 68 :	: 5 :	: 56 :	: 32 :	: 1 :	: 4 :	: * :	: ** : 2** :	: 100 :
1964	: 67 :	: 6 :	: 60 :	: 27 :	: 1 :	: 3 :	: * :	: 1 : 2 :	: 100 :
1965	: 68 :	: 8 :	: 60 :	: 24 :	: 1 :	: 3 :	: 1 :	: 1 : 2 :	: 100 :
1966	: 68 :	: 13 :	: 60 :	: 20 :	: 1 :	: 3 :	: * :	: 1 : 2 :	: 100 :
1967	: 71 :	: 16 :	: 61 :	: 16 :	: 1 :	: 3 :	: * :	: 1 : 2 :	: 100 :
1969 <sup>5/</sup>	: 66 :	: 19 :	: 58 :	: 14 :	: 1 :	: 3 :	: 1 :	: 2 : 2 :	: 100 :
1971 <sup>5/</sup>	: 61 :	: 27 :	: 55 :	: 11 :	: 1 :	: 3 :	: * :	: 1 : 2 :	: 100 :
1973 <sup>5/</sup>	: 61 :	: 38 :	: 46 :	: 8 :	: 1 :	: 4 :	: * :	: 1 : 2 :	: 100 :
1975 <sup>5/</sup>	: 56 :	: 44 :	: 38 :	: 6 :	: 1 :	: 8 :	: 1 :	: * : 2 :	: 100 :
1977 <sup>5/</sup>	: 47 :	: 50 :	: 32 :	: 5 :	: 1 :	: 10 :	: * :	: * : 2 :	: 100 :
TOTAL WHOLE MILK AND LOWFAT AND SKIM MILK ITEMS									
1963	: 68 :	: 13 :	: 56 :	: 15 :	: 1 :	: 9 :	: 1 :	: ** : 5** :	: 100 :
1964	: 67 :	: 16 :	: 54 :	: 13 :	: 1 :	: 10 :	: 1 :	: 1 : 4 :	: 100 :
1965	: 68 :	: 17 :	: 54 :	: 12 :	: 1 :	: 10 :	: 1 :	: 1 : 4 :	: 100 :
1966	: 68 :	: 18 :	: 53 :	: 11 :	: 1 :	: 10 :	: 1 :	: 1 : 5 :	: 100 :
1967	: 71 :	: 19 :	: 53 :	: 9 :	: 1 :	: 11 :	: 1 :	: 1 : 5 :	: 100 :
1969 <sup>5/</sup>	: 66 :	: 23 :	: 48 :	: 12 :	: 1 :	: 10 :	: 1 :	: 1 : 4 :	: 100 :
1971 <sup>5/</sup>	: 61 :	: 29 :	: 44 :	: 10 :	: 1 :	: 11 :	: 1 :	: 1 : 3 :	: 100 :
1973 <sup>5/</sup>	: 61 :	: 37 :	: 38 :	: 8 :	: 1 :	: 10 :	: 1 :	: 1 : 4 :	: 100 :
1975 <sup>5/</sup>	: 56 :	: 43 :	: 34 :	: 7 :	: 1 :	: 11 :	: 1 :	: * : 3 :	: 100 :
1977 <sup>5/</sup>	: 47 :	: 49 :	: 29 :	: 6 :	: 1 :	: 11 :	: 1 :	: * : 3 :	: 100 :

\* Less than one-half of one percent.

\*\* "5-10 quarts" and "over 10 quarts" are combined.

<sup>1/</sup> Based on total sales including both wholesale and home-delivered.

<sup>2/</sup> Number of markets for which complete data were available.

<sup>3/</sup> Percentages represent metal cans and plastic bag-in-box containers.

<sup>4/</sup> Whole milk items include plain and flavored whole milk.

<sup>5/</sup> Includes New York-New Jersey.

<sup>6/</sup> Lowfat and skim milk items include plain, added solids, and flavored lowfat and skim milk, and buttermilk.

TABLE 3.-SUMMARY OF FLUID MILK SALES BY SIZE AND TYPE OF CONTAINERS, BY HANDLERS  
REGULATED UNDER 47 FEDERAL MILK ORDER MARKETS, NOVEMBER 1977 <sup>1/</sup>

SIZE OF CONTAINER <sup>2/</sup>	TYPE OF CONTAINER			TOTAL
	GLASS	PAPER	PLASTIC	
	THOUSAND POUNDS			
GALLONS	3,862	255,449	831,469	1,090,780
THREE QUARTS		1,737	3,493	5,230
HALF GALLONS	15,827	590,248	30,637	635,712
QUARTS	8,736	130,374	815	139,925
PINTS	*	36,306	184	36,490
THIRD QUARTS		1,460	5	1,465
TEN OUNCES		8,067	3,067	11,134
HALF PINTS	225	260,002	1,400	261,697
TOTAL GLASS	28,720			
SIX GALLONS	531			
FIVE GALLONS	2,047			
TWO AND ONE-HALF GALLONS	35			
TOTAL CAN	2,613			
ALL OTHER SIZES**	187	447		
TOTAL OF ALL SIZES	31,520	1,284,490	947,473	2,263,483
LOWFAT AND SKIM MILK ITEMS <sup>4/</sup>				
GALLONS	1,259	179,097	425,047	605,412
THREE QUARTS				
HALF GALLONS	12,234	352,712	19,505	384,701
QUARTS	2,233	58,779	79	61,141
PINTS	6	6,358		5,484
THIRD QUARTS		174		174
TEN OUNCES		1,757		1,757
HALF PINTS	49	119,472	507	120,028
TOTAL GLASS	15,890			
SIX GALLONS	*			
FIVE GALLONS	634			
TWO AND ONE-HALF GALLONS	*			
TOTAL CAN	634			
ALL OTHER SIZES**	478	734	3,036	4,248
TOTAL OF ALL SIZES	17,002	119,783	473,644	1,210,429
TOTAL FLUID MILK ITEMS				
GALLONS	5,150	434,546	1,256,516	1,695,192
THREE QUARTS		1,737	3,493	5,230
HALF GALLONS	28,111	943,160	50,142	1,021,413
QUARTS	11,019	189,153	894	201,066
PINTS	6	43,164	184	43,354
THIRD QUARTS		2,034	5	2,039
TEN OUNCES		9,324	9,824	19,148
HALF PINTS	344	379,474	1,907	381,725
TOTAL GLASS	44,610			
SIX GALLONS	531			
FIVE GALLONS	2,047			
TWO AND ONE-HALF GALLONS	35			
TOTAL CAN	2,613			
ALL OTHER SIZES**	665	1,181	5,649	7,495
TOTAL OF ALL SIZES	48,522	2,004,273	1,421,117	3,473,912

\* Represents sales made by fewer than three handlers which cannot be shown without revealing the volume of their individual business.

\*\* Includes all restricted quantities.

<sup>1/</sup> Based on total sales including both wholesale and home-delivered.

<sup>2/</sup> Two and one-half gallon and larger containers under glass represent metal cans; under plastic represent mostly bag-in-box containers.

<sup>3/</sup> Whole milk items include plain and flavored whole milk.

<sup>4/</sup> Lowfat and skim milk items include plain, solids added, and flavored lowfat and skim milk, and buttermilk.

Amendments:

Eastern Ohio-Western Pennsylvania - October 1 (43 FR 38797, 8/31/78). The remaining unregulated areas of Ashland, Lorain, and Medina Counties in Ohio are added to the marketing area.

The minimum shipping requirements for pooling a supply plant are reduced to 40 percent for the months of September, October, and November, and to 30 percent during all other months.

An alternative for limitations on diversions by cooperatives and pool plant operators to nonpool plants is added. Diversions during September through March may not exceed 40 percent of the producer receipts at pool plants. In order to be eligible for diversion, a producer must deliver milk to a pool plant at least once during the month.

In addition, August is eliminated as a month in which diversions are limited.

Handlers are required to pay all order obligations to the market administrator who would then make payment to producers, cooperative associations, and handlers who elect to pay their nonmember producers.

The charges on overdue accounts apply on the first day after the due date rather than the third day.

Middle Atlantic - October 1 (43 FR 39744, 9/7/78). The total Class I disposition requirement for pooling distributing plants is reduced to 40 percent during each of the months of March through August.

A distributing plant is also required to dispose of at least 15 percent of its receipts as Class I disposition in the marketing area.

The number of days' production of an individual producer that may be diverted to nonpool plants during September through February is increased to 15 days.

Texas - October 1 (43 FR 44824, 9/29/78). The dairy farmer for other markets provision is modified to permit cooperative associations or pool plant operators to deliver to plants as other than producer milk under the Texas order up to one-third of the production of a dairy farmer during September through November without causing that dairy farmer to be ineligible as a producer under the Texas order during the following February through July.

During the months of September through January at least 15 percent of a producer's deliveries must be physically received at pool plants in order for the producer's milk to be eligible for diversion to nonpool plants.

Also, a cooperative association is allowed to divert milk to nonpool plants from its pool balancing plant.

Suspensions:

Middle Atlantic - October 23 (43 FR 49285, 10/23/78). This action reduces the Class I disposition requirement for pool distributing plants to 40 percent during the months November 1978 through February 1979.

The limitations on milk diverted to nonpool plants are suspended during the period October 1978 through February 1979.

Southern Michigan - October 1 (43 FR 36045, 8/15/78). During the months October 1978 through March 1979, the minimum shipping requirement for a pool supply plant is reduced to 30 percent of its Grade A milk.



**MILK MARKETING AREAS UNDER FEDERAL ORDERS AS OF JANUARY 1, 1978**

LEGEND:

- REGULATED MILK MARKETING AREA (Pattern of dots)
- REGULATED MILK MARKETING AREA (Pattern of lines)
- REGULATED MILK MARKETING AREA (Pattern of cross-hatch)
- REGULATED MILK MARKETING AREA (Pattern of diagonal lines)
- REGULATED MILK MARKETING AREA (Pattern of horizontal lines)
- REGULATED MILK MARKETING AREA (Pattern of vertical lines)
- REGULATED MILK MARKETING AREA (Pattern of wavy lines)
- REGULATED MILK MARKETING AREA (Pattern of concentric circles)
- REGULATED MILK MARKETING AREA (Pattern of irregular shapes)
- REGULATED MILK MARKETING AREA (Pattern of solid black)

Scale: 0 100 200 300 400 500 Miles

U.S. DEPARTMENT OF AGRICULTURE, AGRICULTURAL MARKETING SERVICE

## CHAPTER 10





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